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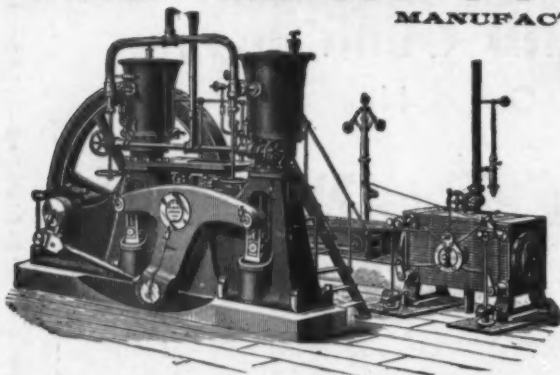
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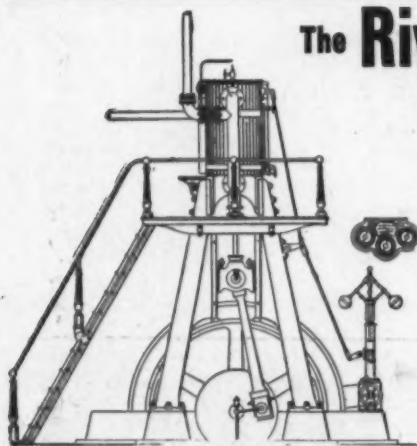
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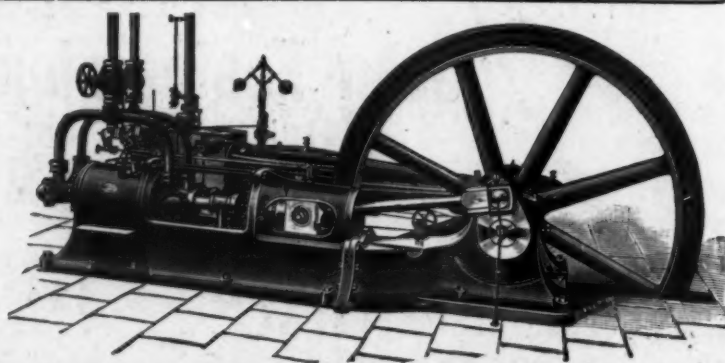
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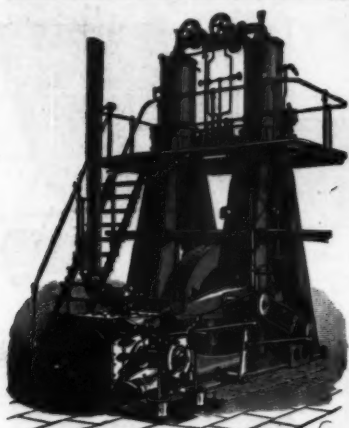
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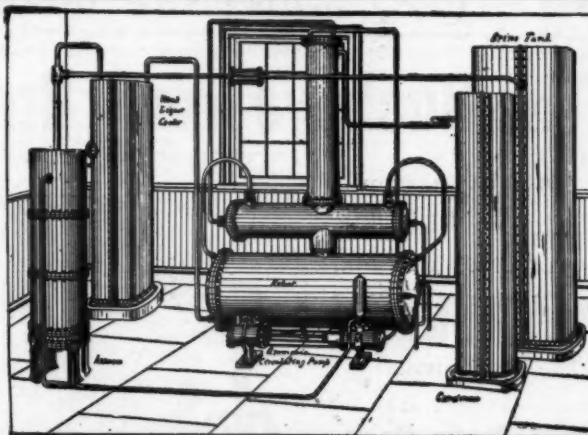
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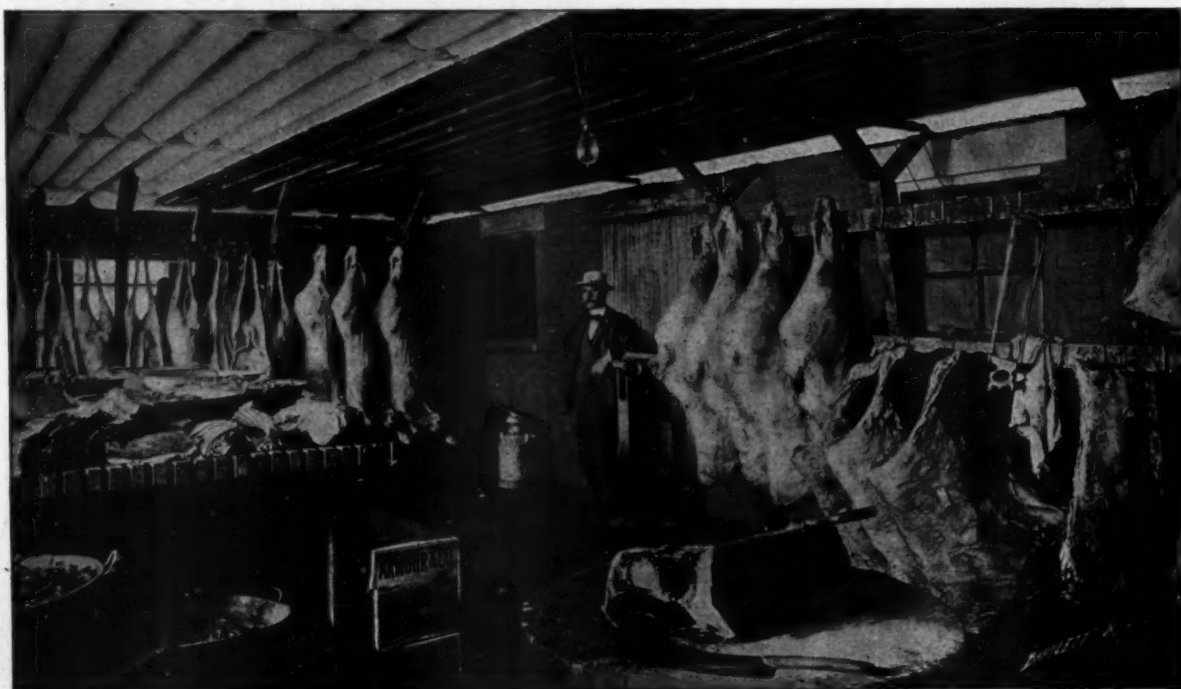
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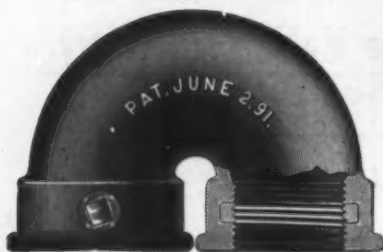
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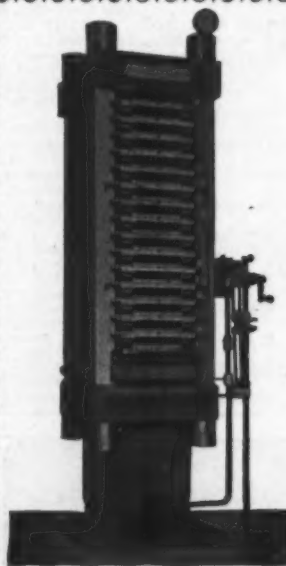
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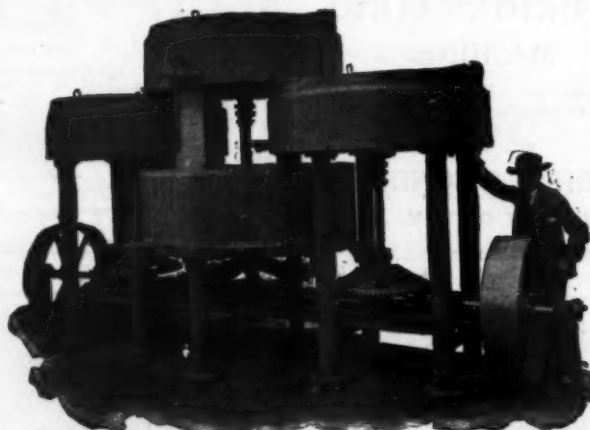
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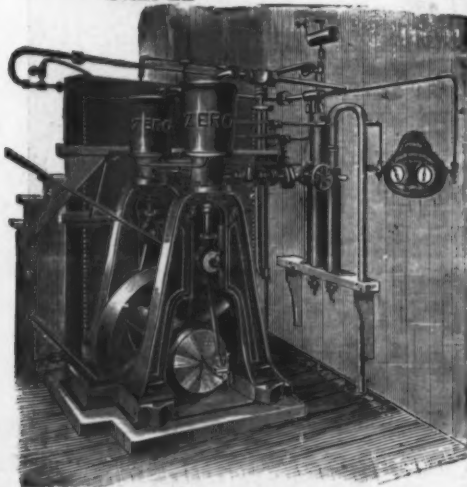
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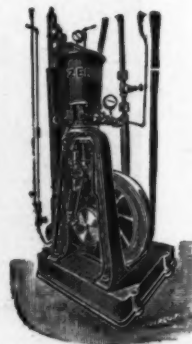
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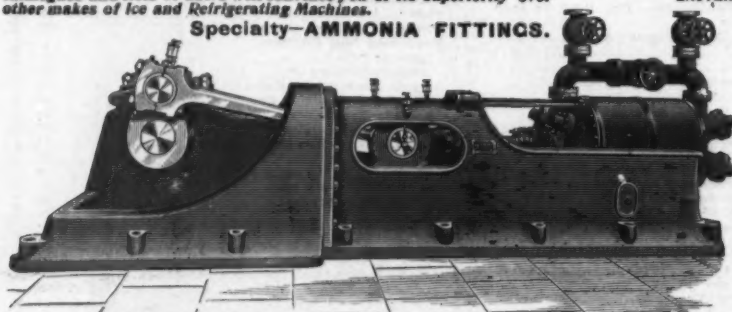
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NEW YORK AND CHICAGO.

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TABLE OF CONTENTS.

EDITORIAL:

Pork vs. Lard.....	9
Co-operative Pork Packing and Fat Melting.....	9
Refrigeration and Protection of Home Industries.....	9
Retail Butchers' Responsibility.....	10

WEEKLY REVIEWS:

Provisions and Lard.....	10
Tallow and Stearine.....	14
Hides and Skins.....	16
Hidelets.....	19
Cottonseed Oil.....	18
Louisville Cotton Oil Market.....	19
Oleo and Neutral Lard.....	45
Chicago Live Stock Review.....	19
Kansas City Live Stock Review.....	22
Chicago Provision Market.....	40
Chicago Range of Prices.....	40
Tips on the Markets.....	40

TECHNICAL

Cattle—The Shorthorn or Durham.....	24
Soapmaking. No. 79.....	26
Sausage Department.....	26
Answers to Correspondents.....	26

DEPARTMENTS:

Packhouse Matters and Notes of Gen- eral Interest.....	32
Ice and Refrigeration.....	34
Tallow, Soap, Glue, Fertilizer and Cot- ton Oil Trade Notes.....	36

GENERAL:

New York City and Vicinity.....	40
Produce Exchange Notes.....	45
Government Experiments for Cure of Hog Cholera.....	26
New Corporations.....	28
Export Statistics.....	28
H. R. Bill 6,080.....	28
Colored Margarin Forbidden in Mar- tinique.....	30
Annual Meeting of Chicago Board of Trade.....	30
Pork Packing.....	14
Inventive Genius.....	38
Chicago Notes.....	40
Rohe Employees Ball.....	45

Index to Advertisements, Page 7.

You lose nothing in dignity by mentioning THE NATIONAL PROVISIONER when you write to advertisers, but you will be concurring a favor upon publishers and editor.

PORK VERSUS LARD.

If our farmers knew that by constantly feeding corn to pigs they impair the vitality of the animal, weaken its bony structure and create in the mature carcass a ratio of fat to lean meat much greater than the average consumer finds profitable to buy or palatable to eat, they might change their methods and contemplate whether it would not be better and more profitable to feed mixed food. Combinations of foods should be given to hogs which are best adapted to produce pork with such an increased percentage of lean, or a judicious mixture of lean with fat, as shall be most healthful, palatable and marketable. The agricultural experiment stations have no doubt done much toward teaching the farmers the use of mixed foods and of proper mixtures. Too much, however, cannot be done in that direction, and a good deal can still be learned by the hog raiser. So long as the largest percentage of hogs driven to the markets of the United States is made up of lard hogs instead of bacon hogs, so long will the farmer not reap the full benefit of his labor. The packers would easily pay him \$1 per hundred pounds more than they are now paying if they only could get leaner hogs.

COOPERATIVE PORK PACKING AND FAT MELTING.

In several localities the farmers are discussing the establishment of "Farmers' Co-operative Pork-packing Syndicates." The scheme is to form a joint stock company of all the live-stock breeders within a radius of perhaps twenty-five miles, to build a pork-packing establishment, and to share up the profits pro rata. They hope to get better prices for their hogs and to save considerably in freight, trans-shipment and the charges of middlemen. This scheme seems very rosy-colored, but we fear it will never be successful. The history of such co-operative schemes shows that they have nearly always ended disastrously. There are many reasons for this. The farmers are apt to neglect their most important occupation, hog raising, to interest themselves in the workings of their new scheme. A few of the cleverer men concerned in the project will undoubtedly benefit far more than the majority, thus fostering jealousies and bickering. This is an age of specialism—to be successful one must concentrate on one thing. The farmer must devote all his time to his farm—he can not to both farm and co-operative scheme. Both will suffer if he attends to both, and the moment he neglects to interest himself in the pork-packing scheme, then will the scheme become a private business, run solely for and to the advantage of a few favored insiders. Such an example is presented by the Fat Melting Association in New York City. The butchers have formed this association, allured by hopes of an increased price for their fat and a dividend or bonus in addition! What has been the result? They have received half a cent to one cent less per pound for their fat, no bonus has been declared, and the few inside individuals who are running the association for the benefit of the members (i. e., themselves), are profiting thereby. These co-operative schemes are very good things—for the favored few.

The recent advance of ocean freight rates is hurting the foreign trade, and the advance of rates on the roads going East from Chicago is not helping the Eastern trade. Lard is dragging on the market, and is now below ribs, this state of affairs being caused largely by the immense accumulations, and also by the light foreign demand. Packers are inclined to be bullish. Many in the trade say that there will be a shortage in hogs during

the next couple of months, while others claim that farmers are holding off for better prices. The market is somewhat of a puzzle. Packers are getting rid of a good deal of product in the pit, which tends to show that the cash trade is not what it should be. Nevertheless it would be wise for the trade to buy on breaks, as prices will not fall to any appreciable extent. If the foreign demand was now what it was three weeks or a month ago prices would be materially higher, but the advance of 15c. on ocean freight rates has caused the European demand to drop heavily, and means that the price is too high. Buyers are holding off until both ocean and Eastern freights get back to normal.

REFRIGERATION AND PROTECTION OF HOME INDUSTRIES.

Some well-meaning persons have raised a hue-and-cry recently because the French Chamber has increased the duties on American meats. They fear that the action is retaliatory—a movement in the war of tariffs. We would like to inform any of our friends as believe this that such is not the case, this action on the part of the French Chamber following logically, though tardily, the installation of cold-storage or refrigerating apparatus on board ship. The results of these installations has been that the meats of North and South America and of Australia have become severe competitors to the French producer, and this increase of duty was forced on the French Government as a measure of protection, for France, faithful to her policy and her traditions, protects her live stock producer, as well as her agriculturist. Consequently what appears retaliatory is merely protection.

The installation of refrigerating apparatus has received a tremendous impulse during the past year, one firm alone in England, besides numerous installations on shore, has supplied the English cruisers "Powerful" and "Terrible" and eight battleships, the last including the cooling of the magazines. Besides these they fitted up three Japanese battleships and several Dutch. The White Star line has fourteen ships now fitted with refrigerating apparatus; the Hamburg-American, twenty, including its tropical service; the Havre meat-importing combination, fourteen; the English tropical fruit importing line, twenty-four; the Royal Mail Steam Packet Co. (Central and South America) twenty; the Copenhagen butter exporting company, eight new installations in addition to its previous fleet. The latest-built yachts are being supplied, while orders are continually being filled from commercial sources in Russia, Japan, Africa and Belgium. The "Cymric," "Tauric" and "Nomadic," great cargo carriers, are also supplied. There are many warehouses capable of holding 10,000 tons, while those holding 1,000 tons are innumerable.

These few facts will show the thinking reader what an important influence cold-storage and refrigeration has had on the markets of the world. It has brought the products of distant countries to the very doors of France, England, Germany, and all the other European countries. It has compelled the Governments, in order to protect their citizens and subjects, to place very high duties on these importations, but with all these barriers, the foreign meats are pouring in, and proving severe rivals to the agriculturalists, thus increasing their dissatisfaction and discontent. The economic possibilities of the effects of refrigeration are unlimited, but one fact is insurmountable—inventive genius and industrial progressiveness have brought the ends of the world closer together, and opened up every country on this great globe as a market for perishable products.

RETAIL BUTCHERS' RESPONSIBILITY.

Regarding this question an interesting decision has been rendered by the Supreme Court of Illinois, which declares that "Where articles of food are purchased from a retail dealer for immediate consumption the consequences resulting from the purchase of an unsound article may be so serious and may prove so disastrous to the health and life of the consumer that public safety demands that there should be an implied warranty on the part of the vender that the article sold is sound and fit for the use for which it was purchased." The Circuit and Appellate Courts of the same State have held in the past that the butcher who sold goods for immediate consumption could not be held responsible for the quality of meat whose wholesomeness he did not guarantee. The Supreme Court, however, as indicated above, very properly takes a very different position so far as retailers are concerned, and while the court admits that the rule laid down by it regarding the responsibility of retailers may be deemed harsh, it is contended that the dealer is so much better able than the consumers to tell whether the food products he sells are fit for use that he ought to be held liable as a guarantor on the ground of public policy.

Where meats or provisions are sold on the market, not for consumption, but for sale to others, the question is different, and there is no guaranty; the middleman must rely on his own vigilance to protect himself. Sometimes the dealer has his doubts about the soundness of some of the stuff he has on hand, and therefore offers it at a low price to work it off. Sometimes beef which possibly is about to spoil is corned and sold with disastrous consequences to the consumer.

But when the meat dealers of Illinois come to learn of the Supreme Court decision and of the new responsibility which it puts on them they will probably examine their purchases from the wholesalers more closely, and will not sell meats they think may be bad, and thus make themselves liable to costly damage suits.

SYSTEMATIC STOCK STEALING.

Through the recent arrest of an employé at the Kansas City stockyards a gigantic scheme for victimizing every railroad entering the yards has been in successful operation for years among the men employed about the pens. The aggregate amount of the stealings of the men engaged in the conspiracy will amount to many thousand dollars. The method adopted by the men concerned in the conspiracy was daring. While the hogs were being delivered from the cars to the pens two and often three were allowed to lag behind by the drovers, instead of being allowed to enter the pens along with the rest of the consignment. These hogs were taken by accomplices to some remote pen, where they were allowed to remain until an order for their delivery could be obtained. It is the ease with which the hog stealers succeeded in gaining possession of these delivery blanks that has been the basis for numerous complaints which the railroads have made against the alleged loose methods which the Stockyards Company has allowed to obtain in the management of stock handling in the yards. Whenever the conspirators "held out" on a shipment of hogs, one of their number would rush up to a stock operator and request a blank delivery slip. An order for delivery was then made out, and the name of some shipper or operator forged. The hogs were then taken from the yards and disposed of to commission men and butchers in Kansas City. It has also been developed that oftentimes a lean hog which had been stolen was substituted for a fat hog in one of the pens and the difference in weight made a tidy profit for the hog stealers. One of the most startling developments made thus far is the discovery that duplicate seals have been used by the thieves, who did not hesitate to enter a car on the tracks outside the yards and after breaking the original seal, take as many hogs as they wanted. That practice, however, has been out of vogue for some months.

PROVISIONS AND LARD. WEEKLY REVIEW.

All articles under this head are quoted by the lb., except lard, which is quoted by the cwt., in tcs., pork and beef by the bbl. or tierce, and hogs by the cwt.

MORE OF A BULLISH SENTIMENT— STRONGER SPECULATIVE BUYING BY ONE OR TWO PACKERS— OUTSIDERS STILL CAUTIOUS AND SELLING LESS GENERAL, YET VERY FAIR CASH DEMANDS.

That there has been a more determined effort to swing the position upward does not mean that conditions are any more favorable to the tendency that way than had existed previously latterly. Indeed, so far as the basis of cash demands would be taken in consideration, the encouragement would be modified as against situation of trade a fortnight since. The only source for the disposition to stimulate the speculative values is the supply of hogs at the West for the week, which have steadily run under estimates, or rather this has been taken advantage of as a sentiment by the one or two leading operators who have stood out prominently on the bull side. But the working of prices upward has been done in a half-hearted sort of way, and seemingly with the intention of getting the products to a point at which to unload. The moderate advances in prices have been followed by reaction, and it was clear that except as the leaders of any upward movement were ready to stand by it that the position would go back by its own weight. In the changes in prices to increased strength the buyers who led that way were careful not to take more of the property than was necessary to accomplish it, although it was not apparent that they were getting rid of larger lines, whatever their disposition may be that way after the point they have aimed at is secured. But any rise in prices periodically has been taken advantage of promptly by the outsiders, and it was observed that even small advances would necessitate the carrying by some of the packers of rather more of the stuff than they desired, as a good deal of long stuff was coming out to them. The country generally has still very conservative opinions over the values of the products, while it has believed that the late prices were about the lowest yet it has the opinion that a permanent advance is not possible at once, and when an effort is made to bolster it and small profits are shown, their holdings are let go at once. There is unquestionably a sentiment all around that as the season advances the position will gain in strength, but that the beginning of it is not at hand, and that the probable hog supplies will have to be more clearly defined than they are at present. The claims are made that there are not so many hogs back as had been looked for, else the current arrivals would not show so many light averages, and including more pigs than usual, but the packers are by no means certain of this as yet, and the month of January would have to go by to point better the prospects concerning them. As a whole the packers have not been line for any advance that has taken place. Where there has been buying among them in special sources the others have been ready sellers and their offerings, coupled with those of the outsiders, have been at times more than the

buyers have cared to take up, and which has brought about reactions before the close of the day's business to the extent of any advance that had been made. Then again there has been missed the stimulus of the enormous cash demand which had characterized the position until this week. It is true that a very fair business is going on with exporters and home trade sources, but there has not been the quickness to trading which had been observed previously for a long time, and which is bringing about a feeling that perhaps the most urgent part of the wants for the other side are perhaps temporarily over; however, the prospects, from all accounts from Europe, that active wants will undoubtedly show themselves right through the season. It is without doubt that the difficulty in getting ocean freight room promptly, freely, with its strong rates, narrows a little new movements with the shippers yet at the same time it must be considered that many sources abroad must be considered stocked after their steady takings for weeks of unequaled-in-extent quantities, and that a little time must be allowed to work them off. And the conditions of the home trade are also of a more conservative order, as following the closing out of large buying orders. But there is every prospect that both home and export sources will again become quite as extensive buyers as they have been latterly, and that in the near future. At the same time the productions have been falling off by relation with those of last month; although it is without much doubt that stocks are being further added to. But a substantial addition to the stocks of last month would yet leave the position better for control to higher prices than then if the cash demands should come up again to their recent remarkably large proportions. It is to avoid the contingency of hesitating export markets that the packers for the most part are against any advance in prices at present. The policy they are working under this season for the most part is to get the cash stuff out as promptly as possible in view of the large productions for the season, and to keep the prices of hogs unexcited so that when the bulk of the supplies of hogs are forward, that the products may feel the legitimate influence of demands, and to respond, if they are important enough to more favorable prices. Narrow profits are more satisfactory to them right along than the possibilities of locked up stocks through any attempt to materially strengthen prices in speculative deals. And it is this understanding of the sentiment by the outsiders that leads them to take advantage of any sudden spurt in prices to drop any little load they may have secured, and then, as the market settles back to come in again and wait for another small rally. It is the contentment for the most part with small profits that is making this season's business most secure by relation with those of several years. Pork and ribs have been handled most effectively on the speculative deals for the stronger prices, and lard has fell in with the movement only moderately in sympathy. The general products appear to be coming in, in supply at least, as fast as they are going out. Some reports from Chicago say that the stocks there have increased since Jan. 1, only about 3,500 tcs. lard; 1,000,000 lb ribs, and 1,000 bbls. pork, and that the stock of contract pork is about 15,000 bbls.

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(SEE PAGES 12, 27 AND 45 ALSO.)

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The trading in New York has shown that refined lard has been under more attention from France and other Continent points, and that a fairly satisfactory business has been done in it, but that compound lard has dropped into a dull condition again after the increase of trading of last week, and that local sources are seemingly well supplied for the present, and that the exporters are filling in orders just now more with pure lard, although in a general way they are less free buyers of this, with England especially quieter. The city cutters are doing a fair business. There is little inquiry from the coal regions for meats and not much demand from the South, but in a miscellaneous way otherwise. Pickled bellies have been taken up close to the offerings and they have been firmly held in price, while loose shoulders and hams are not over plenty, although taken up mainly in small lines. The filling of the large orders last week for the Spanish Government for clear bellies and backs, naturally leads to a quiet feeling thence this week, but at the same time as those orders about absorbed all of the offerings here there is a very strong temper over prices. There have been further sales of 150 boxes clear bellies, while a fair quantity of city lard has been taken in special packages, at a distinctly strong price.

The average weight of hogs at Chicago last week were 233 lb against 234 lb the previous week, and 252 lb corresponding week last year.

New York stocks, Jan. 15: 16,409 tcs. prime lard; 1,163 tcs. off-grade, and 2,603 tcs. stearine; total, 20,175 tcs., against 21,877 tcs. Jan. 1, and 27,345 tcs. Jan. 15 last year.

The exports from the Atlantic port last week exceeded again largely those of the corresponding time last year, especially of lard, and reached 14,062,466 lb lard; 17,891,013 lb meats, and 6,658 bbls. pork. Same week last year they were 6,871 bbls. pork; 9,625,834 lb lard; and 15,994,231 lb meats.

The Chicago shipments last week were 2,707 bbls. pork; 4,884,273 lb lard, and 12,145,853 lb meats. Same week last year, 6,003 bbls. pork; 4,979,576 lb lard, and 14,772,379 lb meats.

In beef the movement in barreled stock continues quite satisfactory, and as the trading in it is quick by comparison with tierced beef, while its prices are by relation more advantageous to the sellers the amounts of it put on offer are distinctively increased by relation with the offerings of tierced, which latter, even on its reduced supply is offered lower in price, while it is under very slack attention still from the English shippers, with their markets evidently more freely supplied with competing goods and their consumption of tierced beef small. Sale of 200 tcs. city extra India mess for England at \$15.25. The city extra India mess range from \$15@15.50; barreled beef quoted at \$8@8.50 for mess, \$9@10 for packet, and \$10.50@11.50 for family. In beef hams there is more of a business, with a good, strong market, with \$22@22.50 quoted for car lots.

On the several days of the week there were the following features developed: On Saturday (Jan. 15), receipts of hogs at the West, 45,000 head, including 18,400 head at Chicago. Last year, same day, receipts 52,600 head and 25,400 head respectively. The products opened easier on trifle lower hogs. Trading was slack and some operators pounded and brought about a small decline. At every small decline there seems enough buying interest to bring about small reactions, and it was so upon this day, when reactions developed almost at once. The general packers were quiet by reason of the closing day of the week, but Armour was a good buyer of pork.

On Monday, receipts of hogs were 68,000 head, including 40,000 head at Chicago, with their prices steady to a shade lower. Last year, same day, receipts 83,900 head and 50,000 head respectively. The products opened steady to 2 points lower on pork and lard, and firm on ribs, but closed 5@7 higher on pork, unchanged on lard, as against the close of Saturday, and unchanged to 2 points higher on ribs. But there was a very dull, dragging speculative trading all through the day, while the cash demands were less liberal. The packers bought a little and which brought about the reactions. The principal feature was the buying of Cudahy's brokers, who had been bearish when the market was lower. At the same time it looked as though the high notch had been reached temporarily, and that the sentiment outside was to sell. Cash demands were improving and were regarded as fair in extent.

On Tuesday, receipts of hogs were 76,000 head, including 28,000 head at Chicago; prices strong to 5c. higher. Last year, same day, receipts 87,900 head and 37,000 head respectively. The products opened 5@7c. higher on pork, 5 points on lard, and 7 points on ribs, and closed at an advance for the day of 5@7c. for pork, 2 points for lard and 7@10 points for ribs. Cudahy's brokers continued the best buyers of provisions. The Anglo was selling, and Armour's brokers were also selling; also the Chicago P. & P. Co. The advance was encouraged by the smaller receipts of hogs than had been looked for, and the recovery to good proportions of cash demands, with an especially larger export movement. Wolff was a seller. There seemed more of a disposition to sell on the part of the outsiders, and it was clear that the sentiment among them was to take advantage of any advance with the expectation of reactions. Cudahy was reported to have bought about 1,500,000 lb ribs of Baldwin, as well as lard and pork, and the International also bought 1,000,000 lb ribs.

On Wednesday, receipts of hogs were 88,000 head, including 31,000 head at Chicago,

with prices strong to 5c. higher. Last year, receipts, 90,400 head and 38,200 head respectively. The products opened 2c. higher on pork, steady and unchanged on lard and ribs, but shot upward 15c. on pork and 5 points on lard and ribs, only by the close to lose all of the improvement. Cudahy had again been the main buyer and through his movements the advance came about. His dealings were chiefly in pork and ribs. The Anglo was buying pork. Counselman & Day were buying ribs and lard, and Swift was selling ribs. Pork was especially taken hold of for an advance by the Cudahy interests, and it reached the highest point yet. At the same time the desire was more to put the market up without taking more of the offerings than were necessary. There is no question but that a good deal of long stuff is coming out at the rise, and which shows a profit, and that the desire among the outsiders is to let go holdings on any advance.

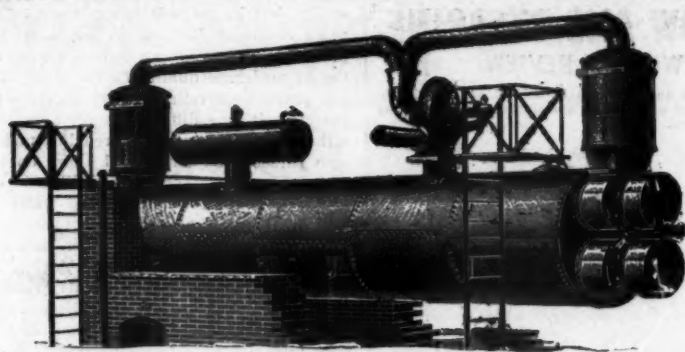
On Thursday the opening of the products was at 2 points advance for pork, and steady to 2 points lower on lard and ribs, from which there was an advance of 12c. for pork, 5 points for lard and 7 points for ribs, followed by slight fluctuations. There was less active trading but more buyers among the packers, although taking lighter lines. The Chicago Packing Co., Lamson, and Swift were all buyers in a small way and found offerings light. There was some buying by Counselman & Day of lard, and the Anglo was also buying, as well as Viles, a few lard and ribs. The selling was scattered; yet it looked as though constant buying was necessary to keep the position moving up.

Prices have been on the several days as follows: On Saturday (15th), at Chicago: Pork—January closed at 9.20; May opened at 9.42, declined to 9.32, closed at 9.32. Lard—January opened at 4.65, eased to 4.62 bid, closed at 4.62@4.65; May opened at 4.77, declined to 4.72 bid, closed at 4.72@4.75; July opened at 4.85, eased to 4.82 asked, closed at 4.82. Ribs—January closed at 4.55 nominal; May opened at 4.70@4.72, declined to 4.65, closed at 4.65@4.67.

On Monday, at Chicago: Pork—January opened at 9.20, closed at 9.25; May opened at 9.30@9.32, advanced to 9.45, eased to 9.40 asked, closed at 9.40. Lard—January closed at 4.62 bid; May opened at 4.72, sold to 4.75, back to 4.72, closed at 4.72@4.75; July opened at 4.80, sold at 4.82, closed at 4.80@4.82. Ribs—January closed at 4.57; May opened at 4.67, sold to 4.72, back to 4.67, closed at 4.65@4.67. In New York, Western steam on the spot was at 4.95@4.97; 3 tanks sold at 4.62@4.65. City steam sold at 4.65 for 125 tcs.; and 200 tcs., iron bound, choice packages, sold for shipment at 5.12½. Refined at 5.15 for Continent; 5.60 for South America; 6.75 for do., kegs. Compound at 4½@4¼. Pork sold in job lots to the amount of 600 bbls. at 9.00@9.50; family mess at 10.00@11.50; short clear at 9.50@10.50. Of city cut meats: Sales of 15,000 lb green bellies, 10-lb average, at 5½; 100 boxes fat backs at 5; and 20,000 lb pickled bellies at 5 for 14-lb average; 5¼ for 12-lb average, and 5½ for 10-lb average; 900 pickled shoulders at 5; 1,400 pickled hams at 7@7½. Hogs at 4¼@5¼, and 5¾ for pigs.

On Tuesday, at Chicago: Pork—January closed at 9.30 nominal; May opened at 9.45@9.47, sold to 9.50, back to 9.45@9.50, to 9.42, closed at 9.45@9.47. Lard—January opened at 4.70, was 4.67 bid, closed at 4.62@4.65; May opened at 4.77, was 4.80 asked, afterwards at 4.72 bid, closed at 4.75 asked; July opened at 4.85 bid, was afterwards at 4.87 asked, and at 4.82, closed at 4.82 bid. Ribs—January closed at 4.65 nominal; May opened at 4.72@4.75, was afterwards at 4.72 bid, 4.77 asked, at 4.72, closed at 4.75 asked.

The New York market showed Western



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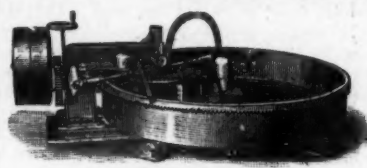
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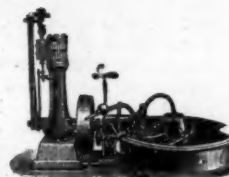


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steam offered at 5, and not salable over 4.95; sale of 1 tank at 4.65. City steam sold at 4.60@4.65 for 75 tes. In other products there was no change in the prices from the day before, with only small sales of pork, and 6,000 lb pickled bellies, 12-lb average, at 5½, with general bidding at 5½ for the latter and 5¼ asked.

On Wednesday at Chicago: Pork—January opened at 9.45, sold to 9.47, down to 9.40, closed at 9.37 nominal; May opened at 9.47, was 9.50 asked, down to 9.45, then advanced to 9.60, to decline to 9.50, closing at 9.50 bid. Lard—January opened at 4.65@4.67, closed at 4.62 nominal; May opened at 4.75, was up to 4.80, and closed down to 4.72; July opened at 4.85 bid, was up to 4.87, back to 4.82, closed at 4.82 asked. Ribs—January closed at 4.65 nominal; May opened at 4.75, was up to 4.80 and closed at 4.75 asked. In New York, Western steam was offered at 5; sale of 2 tanks at 4.62@4.65. City steam sold at 4.60@4.65. Refined at 5.15 for Continent; 5.60 for South America; 6.75 for do., kegs. Compound for 4½@4¼. Of pork the sales for export within two or three days have reached close to 1,000 bbls. at 9.00@9.50 for mess, and some lots higher. In cut meats, sales of 150 boxes clear bellies for Havana at 5½; 400 pickled shoulders at 5; 8,000 lb pickled bellies, 12-lb average, at 5¼; do., 14-lb average, at 5; and 8,000 lb do., 10-lb average, at 5½. Hogs at 4½@5¼, and 5½ for pigs.

On Thursday, at Chicago: Pork—January was at 9.50@9.52, closed at 9.57; May opened at 9.52, sold up to 9.70, closed at 9.70 asked. Lard—January closed at 4.67@4.70; May opened at 4.72, was 4.80 asked, closed at 4.77@4.80; July opened at 4.80, sold to 4.90, closed at 4.87@4.90. Ribs—January closed at 4.72 nominal; May opened at 4.72@4.75, sold to 4.82, closed at 4.82 asked; July opened at 4.82 bid, and closed at the highest, or 4.90 bid. Receipts of hogs West, 78,000 head, including 28,000 head at Chicago. In New York, Western steam lard on the spot at 5.00@5.05; 1 tank sold at 4.65. City steam at 4.65@4.70. Of pork, sales of 600 bbls. mess in jobbing lots, and the close of the market advanced to 9.25@9.75. In city cut meats, a decline on pickled shoulders to 4½, and 1,500 sold at that; pickled hams sold 2,000 at 7¼; 7¼ for 12-lb average; 10-lb average pickled bellies, 5½ bid, and 5½ asked. Hogs at 4½@5½.

(For later report, see page 42.)

PORK PACKING.

Special reports show the number of hogs packed since Nov. 1 as follows:

	Nov. 1 to Jan. 12.	1897-98.	1896-97.
Chicago	1,720,000	1,330,000	
Kansas City	740,000	560,000	
Omaha ..	330,000	255,000	
St. Louis ..	330,000	248,000	
Indianapolis ..	289,000	225,000	
Milwaukee, Wis.	153,600	90,000	
Cudahy, Wis.	175,000	99,000	
Cincinnati ..	185,000	150,000	
Cedar Rapids, Iowa ..	108,000	119,000	
Cleveland, Ohio	110,000	125,000	
Ottumwa, Iowa	145,000	115,000	
Louisville, Ky.	117,000	73,000	
—Price Current.			

—Kirschbraun & Sons, Omaha, Neb., will begin the erection of a large brick cold storage plant next to their commission warehouse. It is to be completed about April 1. The Nebraska Drilling Company is now putting down an artesian well to supply the water for the new plant.

TALLOW AND STEARINE.

WEEKLY REVIEW.

All articles under this head are quoted by the lb. except animal oils, which are quoted by the gallon all in packages.

TALLOW.—It is an obstinate kind of a market on both sides. The melters are carrying the opinion that the exporters want the goods, but that they do not care to show their hands just now. It is beyond question, however, that the holding off of the exporters is throwing over the position a tame look, and is drawing out offers to sell limited quantities at the price of 3¼ for city, which until this week had been declined. Thus where nothing could have been reached the previous week under 3 13-16, and possibly 3½ would have been necessary then to have brought out offerings from melters' hands of consequence, yet on Monday of this week there were offers to sell two lots of 50 hhd. each at 3¼, while these were not taken. It is quite certain that at this writing the melters would not sell under 3¼, and some of them not at that price, but the best open bid is 3½, although possibly 3 11-16 would be paid. Thursday and Friday's markets will be found further along in this review, and these may show that buyers and sellers have harmonized their views. But just now the suspicion of the producers that the shippers will become freer buyers if they find that they cannot shake the market further, is the moving cause of the unwillingness to sell. Meanwhile it must be gratifying to those melters who make deliveries on contracts weekly on the basis of the last sale, to find that they have put out thus far this week 75 hhd. city at 3 13-16, since nothing has been done since the sale at that last week, and unless something is reported this week in the way of sales by Friday that their contract deliveries all told will be about 215 hhd. at 3 13-16. The London sale came on Wednesday, showing 3d. advance, and the report that the bulk of the offerings of 2,250 casks there had been taken up. This ought to have given the market here a better undertone. The reasoning of the melters is in part based upon this fact: That as it was possible to sell much more largely city at 3¼ for export a few days since, when they declined that price, that there is no reason why the shippers should not bid it again, and particularly in consideration of the even firmer London market on the latest advances. Yet, of course, there is the thought that there may have been some special urgency in the demand then. It is without doubt a fact that the course of the market will depend wholly upon the near developments of the export trade. There is no reason to lose hope that it will not yet mature to some consequence, since there have been no disappointing Australian advices, while the consumption in England and upon the Continent is full and their markets firm. There is a belief, especially in the near coming about of Continental inquiry. There would be about 500 hhd. fresh made city easily reached this week at a satisfactory price, and this shows that the melters need not be especially anxious over their holdings, and the larger melters are not, the desire being to sell only from two or three of the smaller sources. There is one tame condition, and that is the weaker feeling over the West. Chicago is unquestionably ¼c. lower. It does not hold large

stocks, but its manufacturers seem to be carrying about all the tallow they need for the present, and there has resulted a little crowding of moderate quantities for sale, with 750 tes. prime packers' sold there at 4¼, while at the close it was difficult to get a bid over 4, although nothing could be reached under 4¼; also sale of 750 tes. No. 1 there on private terms. In New York City edible is offered at 4¼ and other edible at 4¼, which prices are ¼c. under the best prices made latterly, while trading in it is very quiet, and 300 tes. sold in lots for the week at 4¼@4½, nearly all at 4¼. The arrivals of country made upon the New York market have been moderate only, but they have accumulated, and it has been difficult to sell them except at inside figures. There has been an excess of it, especially upon the dock, and some of it under forced removal from dock and to avoid the necessity of storing, has naturally been at somewhat irregular prices favoring buyers. Yet despite the moderate arrivals and the accumulations, some receivers put their goods in store under instructions from consignors, under the belief that affairs must soon shape more satisfactorily, while it is undoubtedly the case that a good deal of tallow is held back in the country under a belief of its melters that the market here will reach shortly a 4 price. But it can be said that one man's opinion at present of the future of the market is about as good as another's, and that increased firmness or weakness will depend wholly upon the movements of exporters and that not more than several days will probably be required to cipher out the indications. The home trade is remarkably backward this year, since Jan. 1. Usually they are buyers at this time, after the holidays, but this season thus far they are practically out of the market on important quantities. They are in most instances holding about all of the supply they need right away, particularly in consideration of the current held prices, and it looks as though they would wait to see a thoroughly settled market. The country made has sold in New York this week to the amount of 225,000 lb, in lots, at 3½@3¾, as to quality, with now and then a choice lot reaching 3¾.

On Thursday there was a sale of city in hogsheds, the first of the week, made here at 3½, or a decline of ¼, and it was then determined to put in all of the contract deliveries for the week, or about 200 hhd., at 3½, since nothing had been done since the sale last week at 3 13-16. It was not possible to buy more city at 3½, yet that was the best selling price, since the exporters were out of the market, and the 50 hhd. sold went to the home trade. At Chicago quotations for prime packers' is 4¼, No. 1 city renderers' 3¾@3¾, No. 1 country 3¾@3¾, No. 2 ditto 3@3¾.

OLEO STEARINE.—There was another sale in Chicago of 40,000 lb at 5, and the fact that that price was held there, however impossible it was to get it on large lots, and the indifference of the principal buyers to take hold in that direction, did not deter the pressers here from in instances jumping their views in sympathy over prices. But it has not been possible to get over 4¼ in New York, and where the pressers are asking above that they are permitted to hold their supplies. The fact is that there is more of the oleo on offer at 4¼ than can be sold; there were 75,000 lb

(Continued on page 18.)

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WANT AND FOR SALE ADS can be found on Page 45.

HIDE AND SKIN MARKETS. CHICAGO.

PACKER HIDES.—The market is very closely sold up and very strong. Tanners of sole leather have figured conspicuously. Large sales at excellent prices are a distinguishing feature of the present market. Natives, Texas and cows have all been strong factors. Tanners are evidently feeling much encouraged over the greatly increased promise of the leather situation. Every indication points to a brisk business in both hides and leather. It looks as though future prices on both would be well sustained. We quote:

No. 1 NATIVE STEERS, 60 lb and up, free of brands, have been in active request. Several of the larger packers are cleaned up. This stock is quotable at 11¼c.

No. 1 BUTT-BRANDED STEERS, 60 lb and up, have sold in considerable quantity, though in several instalments. The stock is offering at 10@10¼c.

COLORADO STEERS, 60 lb and up, sold last week to the extent of 25,000 at 9¼c. They are now worth 9@9¼c.

No. 1 TEXAS STEERS, 60 lb and up, have sold in large quantity at 10¼@9¼c. As tanners buying this class of hides are pretty well stocked, the demand has lessened. Prices are 10@9¼c.

No. 1 NATIVE COWS, free of brands, 55 lb and up, have recently sold to the extent of 10,000 at 10¼c., which continues to be the price. Under 55 lb, 10¼@11c.

BRANDED COWS have had a fair call, but the present price of 9¼c. is regarded as prohibitory.

NATIVE BULLS.—There is very little stock available. This is in good demand at 9¼c.

COUNTRY HIDES.—The country market is stronger. Stock is not in generous supply and dealers are very stiff in their views. Eastern buyers have been here and have paid full prices for stock. We quote:

No. 1 BUFFS, 40 to 60 lb, free of grubs, 10c., with No. 2s at 9¼c.

No. 1 EXTREMES, 25 to 40 lb, have had a good call at a high price. They are now offering at 11c.

BRANDED STEERS AND COWS have gained tone. Considerable stock has sold on a basis of 8¼c., and some is being held at 8¼c.

HEAVY COWS, free of brands and grubs, have had a rather limited call. Prices are well sustained, in the face of light receipts. They are offering at 9¼@9¼c. for 1s and 2s.

NATIVE BULLS.—There is some stock on hand, though comparatively little. It is selling at 9¼c.

CALFSKINS, 7 to 15 lb, in short supply, and high prices prevail. Prices are firmly sustained at 13¼c. for good skins.

KIPS, 15 to 25 lb, are in somewhat better demand. They are quotable at 11@11¼c.

DEACONS, 50c.

SLUNKS, 25c.

HORSE HIDES.—Choice hides have brought \$3.40, but the general run commands but \$3.25.

SHEEPSKINS.—Stocks, while not especially heavy, are sufficiently sold to have considerable influence on prices if many holders chose to dispose of what they have on hand. The packers are closely sold up. We quote:

PACKER PELTS, \$1@1.10.

COUNTRY PELTS, 65@90c.

PACKER LAMBS, 80@85c.

COUNTRY LAMBS, 40@50c.

KANSAS CITY.

HIDES.—During the past week the sales of hides about one-half of what the packers slaughtered; the packers are, therefore, in a good condition to dictate somewhat on the prices for hides. There is, however, a noticeable lack of inquiries just now from the tanners, as a great many of them seemed to have picked up quite a number of hides in the last three weeks' scramble, and are therefore supplied for the present. The packers, however, are on easy street on all grades, and some of them are actually short in slaughter on orders or sales already made, and are daily slaughtering cattle to fill past orders. They feel like as if there were no anxiety to be displayed on their part; there is no doubt but that there is a firmer feeling all along the line, both with leather men, tanners and hide men. The statistics of the country seemed to have proven conclusively that the large receipts of cattle during the past year were very deceiving—a fact that has often been called attention to in these pages, and while it was impossible to convince some of the tanners in former months that the great movement of cattle to and from the stockyards would not mean a larger increase in the packers' slaughter, the final statistics of the packers' actual slaughter revealed to them very conclusively that there was no great increase over former years' slaughter, and it is a well known fact that there was a shortage in the country slaughter. Native steers are holding their own firmly at 11¼c., Texas steers from 10@10¼c., butt brands at 10c., Colorados 9¼c., heavy native cows 10¼c., light native cows 10¼c., branded bulls 7@7¼c. It is noticeable, however, that the packers of this city have materially increased their kill over that of the previous year, so far in the current year; their slaughter being 3,000 head each week so far. The hides are coming up in what one may call mean condition; the continued snow and wet weather through all the Western country make the feeding pens, cattle pens and slaughter pens in a bad condition for mud and manure, and hides are not coming up as bright as they did six weeks ago. And all this is decidedly in favor of the packer, as where the mud and manure does not show very plainly, the packer has the advantage, as there can be no deduction made for such; and it is wonderful the amount of slush and mud that the present long-haired hides can contain. There is no doubt but that any tanner that can hold off for the present in purchasing such hides is a very lucky person. At present the packers have the innings in all directions; they are perfect masters of the situation.

SHEEPSKINS.—The sheepskin market for the past week has been sort of quiet, as it seems the packers in their former sales anticipated several days' slaughter in some of the bunches that were sold. The stocks at present are very light and they are firm in their ideas of value. Purchasers are more plentiful just now than the stocks that the packers have to sell.

BOSTON.

Trade is inactive, owing to extreme high prices. No holder will sell unless he gets his "pound of flesh." We quote:

BUFFS, 10@10¼c.

NEW ENGLAND HIDES, 10@10¼c.

CALFSKINS.—Little doing. No change in price.

PHILADELPHIA.

Dealers are fairly busy. Prices are virtually the same as last week. Steer hides are very closely sold up. There are no bull hides in sight. We quote:

CITY STEERS, 10@10¼c.

CITY COWS, 9@9¼c.

COUNTRY STEERS, 9¼@10c.

COUNTRY COWS, 9@9¼c.

COUNTRY BULLS, 8@8¼c.

CALFSKINS.—Few on hand and offering at same prices as last week.

SHEEPSKINS.—Supplies are absorbed. Fresh city skins bring \$1@1.10; countries, 75@1.

NEW YORK.

Hides are very closely sold up. There is little branded or native stock in sight. Sales for the week are 3 cars natives, 11¼c.; 1 car grubby natives, 10¼c.; 1 car butts and sides, 10@9c.; 1 car Colorados, 9¼c. We quote:

No. 1 NATIVES, 60 lb and up, 11¼c.

BUTT-BRANDED STEERS, 10¼c.

SIDE-BRANDED STEERS, 9¼c.

CITY COWS, 10c.

NATIVE BULLS, 9@9¼c.

COUNTRY COWS, 10c.

CALFSKINS (see page 46).

SUMMARY.

Hides are very scarce and especially firm at all packer points. The Chicago, New York and Boston markets are very light of supply. Tanners have evidently gained much confidence from the favorable change in the leather market and are buying liberally. If leather continues in its present trend the possibilities of the hide market are infinite. For months past leather has been sold at a price something less than the cost of production, the only apparent desire being to get rid of the stock and let the price take care of itself. That this policy could not prevail very long is obvious. These stocks of leather could not have been duplicated at quotation prices and sales were made on a basis lower even than these. The demand for leather, however, has recently received an appreciable impetus in the last couple of weeks owing to the phenomenal sales involving 300,000 sides of hemlock, oak and union leather in ten days, sales that outstrip for magnitude anything in the annals of the leather trade, or at least anything that has transpired within the memory of the oldest members of it. Another favorable and significant condition is the all round advance of 1c. per lb in the price of union leather. The best backs now command 30c. Taken as a whole, the hide situation, which is, of course, greatly contingent on leather circumstances, is decidedly favorable and the probability is that trade will be exceptionally brisk and that "hides will bring the high dollar."

CHICAGO PACKER HIDES.—

No. 1 natives, 60 lb and up, 11¼c.; No. 1 butt-branded, 60 lb and up, 10@10¼c.; Colorado steers, 9@9¼c.; No. 1 Texas steers, 10@9¼c.; No. 1 native cows, 10¼c.; under 55 lb, 10¼@11c.; branded cows, 9¼c.; native bulls, 9¼c.

CHICAGO COUNTRY HIDES.—

No. 1 buffs, 40 to 60 lb, 10c.; No. 2, 9¼c.; No. 1 extremes, 25 to 40 lb, 11c.; branded steers and cows, 8¼@8¾c.; heavy cows, 60 lb and up, 9¼c.; No. 2, 9¼c.; native bulls, 8¼@7¼c.; calfskins, 13¼c. for No. 1; kips, 11¼c. for No. 1; 11c. for No. 2; deacons, 50c.; slunks, 25c.; horse hides, \$3.40@3.25; sheepskins, packer pelts \$1@1.10; country pelts, 65@90c.; packer lambs, 80@85c.; country lambs, 40@50c.

BOSTON.—

Buff hides, 10@10¼c.; New England hides, 10@10¼c.


PHILADELPHIA.—

Country steers, 9¼@10c.; country cows, 9@9¼c.; country bulls, 8¼c.

NEW YORK.—

No. 1 native steers, 60 lb and up, 11¼c.; butt-branded steers, 10¼c.; side-branded steers, 9¼c.; city cows, 10c.; native bulls, 9@9¼c.; country cows, 10c.; calfskins (see page 46).
















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TALLOW AND STEARINE.

(Continued from page 14.)

sold here at 4½ and 25,000 lb at 4½, but these quantities satisfied about all the demand there was, and the efforts to coax bids of 4½ for more met with the usual conservative disposition of the refiners in the remark that "Have got all we want for near use, and are ready to take the chances of any further strength to the position." The pressers have now probably more of an accumulation of the stearine than they have had in a long while; it is believed to be about 250,000 lb, since for some time previously, although the refiners had been buying in a conservative way, there was just about enough of a production for the consumption, while at present there is rather less oleo stock being made and rather more of the fat is going to the make of the stearine. Chicago has not a large accumulation, but it is believed to be adding to its supplies steadily, and if the large buyers there are to keep out, there is not enough outside trade, it would seem, to keep that position in its present strong position, while it is beyond question that the disposition to hold more firmly in New York is based wholly upon the asking rate at the West. The situation is not a positively healthy one, despite the strong holding, since it lacks the main essential in the restricted character of the demand from consumers.

LARD STEARINE.—The lard refiners have been compelled to buy stearine the past week; it is believed that they have taken about 150,000 lb, and chiefly city, although the particulars do not wholly come out. The filling of orders of refined lard have been more important and the refiners are not getting enough of the stearine of their own make. Then there is hardly any Western on offer, as the refiners in the West are using up their own productions closely. The product is standing at a stronger price. It would probably be impossible to buy either choice Western or city under 5½, while some lots of city are held at 5½, and these prices are permitted by the cost of lard.

GREASE STEARINE.—There has not been noticed this week very marked inquiry. Trading suffers in extent, alike with most other fat products, in the strong holding of prices and the hesitancy among shippers, whether momentarily or not, in responding to them. There has been substantially unimportant export interest and hardly material call from local sources for consumption. The supplies, however, are not large, while they are in no instance considered burdensome, and the temper among their owners is quite confident over the near future, while entertaining the impression that it is a question only of a short time before the general demands will enlarge and that the near future offers encouragement for any strong views that they now entertain over prices. Quotations are 3½@3¾ for white, and 3¼ for yellow, while at Chicago 3½ quoted for white and 3¼ for yellow, and tallow stearine at 4¼.

OLEO OIL.—Early in the week there were no sales reported, and the latest previous transactions had been on Friday last at 36 and 35 florins for the best brands. The fact of absence of sales reported from Rotterdam then indicated the insistence of buyers for easier figures and as necessary through a further yielding in the price of dairy butter at the United Kingdom markets, and the necessary easy prices for butterine to compete with it. This bears out the usual sentiment in January, when Australian butter is plenty, and it would be unusual to expect permanent reactions in prices for the product in that month. There is plenty of the oil in the Dutch markets; it is simply a question of price with buyers, and the delay in meeting

the views by shippers. On Wednesday Harrison was reported sold at Rotterdam at 35 florins.

New York prices are No. 1 at 6¼ with low grades at 4½@5½.

On Thursday further sales were made at Rotterdam of Harrison at 35 florins and United at 36 florins, and the business up to that time for the week had been 1,000 tons.

LARD OIL.—The make of stearine has increased by necessity at the West by reason of the larger business in refined lard, and consequently more lard oil is on offer thence. Then besides the city pressers are turning out a very fair quantity, since they have had liberal sales of the oil latterly and had reduced accumulations. Therefore there is a larger quantity of the product on offer both from Western and city pressers' hands; but these supplies are by no means burdensome, since the demands for them from consumers are keeping up well, while the prospects are favorable for a healthy trading right along. Lard keeps up well in price on the whole, although of course subjected to slight reactions, and it costs quite as much to produce the oil as through the period latterly when it was advanced in price; therefore while there is no further change in price it is held quite firmly. Aside from the trading from the East and the general consumers the dealers are resupplying with the new year, and a good, healthy business is in progress. Quotations are 40@42 for Western and city.

GREASE.—There has been more done here. France is in the market steadily, chiefly for B white, although its wants are by no means lively; they seem to center more on moderate quantities. The English markets do not furnish vigorous buying, yet are pick-

(Continued on page 22.)

COTTONSEED OIL.
WEEKLY REVIEW.

Quotations are by the gallon, in barrels, in New York, except for crude in bulk (tank cars) which are the prices at the mills.

STEADY — MODERATELY ACTIVE MARKET—THE SOUTH STRONG.

There have been no radically new features to the market this week. At least demands have not been of a character to stimulate or to materially alter the position which the holders here and at the South had taken latterly of a favorable near future of the product, with the consequent efforts and success of keeping the tone up very well on the moderately active trading that has come about. Indeed the mills are more confident this week than last week, and there are fewer sources even among the small mills which are ready to sell at the prices they, in instances, accepted a few days since. In the previous week there were many of the mills willing to release any surplus holdings of crude in tanks at 15½ although most of them for larger lots were even then holding 16, but this week essentially all along the line 16 is the prevailing asking rate, and in most cases bids of 15½ have been turned down; this applies of course to the near Atlantic coast sections, and on demands from refiners at Northern markets, and from its own home sources of consumption. However, some small lots have been picked up here and there, but where the mills had not the room for storing, or were pursuing their ordinary policy of getting rid of their productions when they had them ready for the market, and not to hold for possibilities, and which conservative course of trading they hold season in and out, and find it the best course to pursue. There is no question that the consumption of the oil direct at

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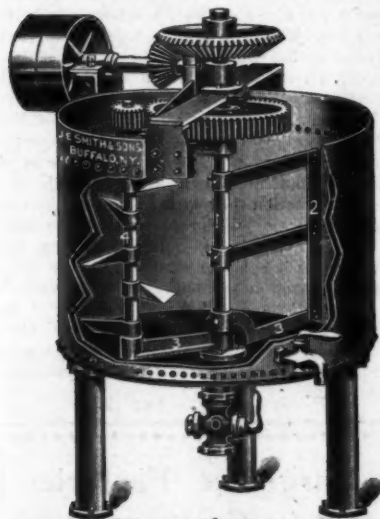
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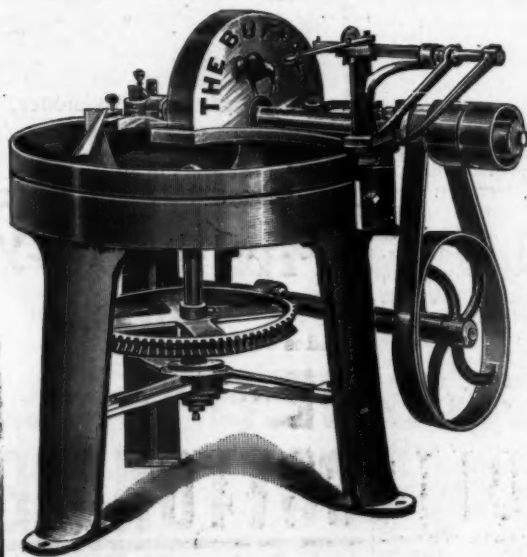
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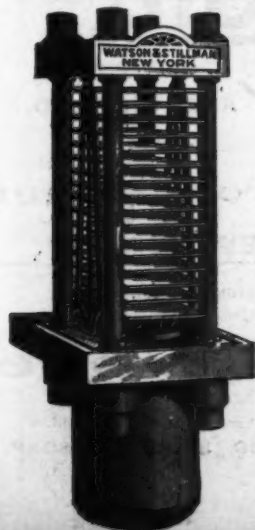


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NEW YORK, U. S. A.

CHICAGO LIVE STOCK REVIEW.

Written expressly for THE NATIONAL PROVISIONER by
Mallory, Son & Zimmerman Co.)

HOGS.—Receipts of hogs continue moderate, the supply at Chicago showing a considerable reduction compared with the corresponding time last year, while the Western markets show a fair increase. Prices at the Missouri River markets continue to average higher in proportion than at Chicago, which naturally attracts the business that way. Eastern markets at the present time are generally higher than Chicago, which fact has increased the demand on shipping account at this point. The provision market continues dull but firm, with prices still under the current prices for hogs. A portion of the packers are holding off, pursuing a hand-to-mouth policy, while other packers, especially the larger ones, continue free buyers throughout. The trade has been active, although prices continue to rule within a narrow range. The bulk of the hogs are selling at 3.60@3.70, with the best medium and heavy hogs at 3.70 @3.75. The quality of the hogs continues fair but the average weight is considerable less than any time during the past year. We look for comparatively moderate receipts for a few weeks at least, and still believe the prospect favorable for hogs bought to sell here from 3.50@3.75. Watch the provision market carefully, and should we get a material advance in provisions, hogs will sell at a higher range.

CATTLE.—Receipts of cattle continue liberal, especially the common to good grades, and as the general demand is slow, prices show a decline of 10@25c. compared with last week on all except the best grades. Good to choice butchers' stock ruled steady. Other grades inclined to be weak. Stockers and feeders are in moderate supply and good demand at steady prices. We look for liberal receipts next week, and do not consider the outlook any more than fair for present prices.

SHEEP.—Receipts of sheep and lambs continue liberal. The market ruled fairly active, although prices show a decline of 10@20c., lambs declining the most. There is nothing new in the situation, but we have confidence in comparatively good prices for sheep and lambs throughout.

HIDELETS.

Swift and Company are offering hides from their St. Paul slaughter houses at Chicago prices, less the freight.

E. N. Lapham, Chicago hide buyer for the U. S. Leather Co., was in New York recently, and said that "Armour & Co. were erecting a slaughter house in Omaha that is to be the largest in the world."

Oscar Scherer, the Spruce street tanner, has been covering New York State.

Three hundred thousand sides of oak, union and hemlock leather have been sold during the past two weeks.

Pegamoid, a substitute for leather, seems destined to create a considerable furor.

The difference in the methods of grubbing hides in Chicago and New York are very marked. While selections are more carefully made in New York, tanners claim that the Chicago selections are generally desirable.

Mr. Wilcox, of the leather firm of Myers & Gordon, is making a combination business and pleasure trip.

The souvenirs recently issued by J. S. Barnet & Brother, calfskin tanners, of 27 Spruce street, are very handsome and effective. They are much in demand.

LOUISVILLE COTTON OIL MARKET.

(Special Telegram to "The National Provisioner.")

Market quiet, but not so firm as last week; 15¢@16¢ is bid for Georgia and Alabama prime crude, 15¢c. for Mississippi Valley and 14¢c. for Texas. Sales are about 20 tanks Georgia and Alabama at 16c., 10 tanks Mississippi Valley at 15¢c., 4 tanks Texas at 14¢c., and 3 tanks Mississippi Valley off crude at 14¢c.

the South is of more importance each year, and that it is helping at times, and particularly on such occasions as the present, or following the considerable outlet for larger lots only recently to cleaning up burdensome accumulations, to make many of the smaller mills more independent over bidding, more especially those that have a tank or two to offer right along, while the relatively stronger prices that these small mills obtain from their local refiners, and which they can afford to pay by reason of the saving of transportation, adds a little fuel to the disposition among other mills to obtain corresponding figures for their more important quantities, and particularly so now when the larger accumulations of the mills have been worked down as following the recent enormous Western demands. Then besides there is a belief that these Western demands would not halt on important quantities even now if they could be satisfied on the basis of the recent contracts, and that the oil had been considered by the large Western consumers as cheap and offering a good investment. But the Western people decline to buy materially further at the current stronger figures since they have not had anything especially invigorating in the recent course of the lard market, however fairly well supported in price the hog product undoubtedly is. But there has not been quite so much of a movement within the last few days in pure lard on export account as previously for some time; however, some improvement in its trading toward the close of this week. The compound lard trading has suffered in volume latterly as well; where it had been only recently under increasing attention to a fair degree of activity, while it had given promise of permanent animation on the then gradually hardening general provision market, yet thus far this week orders have been few and its market has been, by comparison distinctly dull and unsatisfactory. Cotton oil would not be high at a 16 price if the promise of the lard market had been quite as confident as last week, but the lull which has intervened in the latter makes the refiners more careful over investments in the oil, although towards the close of this week it begins to look as though the lard position would soon recover its tone, as it was getting sensitive to fewer hogs arriving than had been looked for. There is, however, little prospect of a material permanent advance in lard this side of the middle of February, but indications that there was likely to be even a good, well sustained position would probably encourage its outlets to the markets abroad, since the product is freely wanted there and naturally awaits only a feeling on the part of shippers that they are buying at the lowest point. Then again the trading in cotton oil has been affected somewhat to its present diminished movement by the dull and rather less hopeful appearance of other fats; tallow, for instance, was stayed in its firmer course by a sudden lull in the export interest in it, and other greases have also been under modified demands; while it is believed that the export markets will ultimately take tallow and these other greases freely, yet the fact that the strength for them has depended upon the probable export demand, the present quiet appearance causes an easier talk over their values, while the tamer look for tallow

is noted not only here but all over the country, with at the West a decline of $\frac{1}{4}$ c. has occurred in its price. The situation then presents a weaker market for tallow and at least a firm position for cotton oil at its late advance, and which modifies the idea that the local soap trade would become buyers, since with cotton oil at 23 tallow would have to be at least $\frac{1}{4}$ c. above its current prices to divert trade from it to the oil, while some of the soap trade are doubtful if more of the oil would be used than at present even with a more distinct advantage to them in its prices.

Concerning the productions at the South at present and their outlooks for the future, there are variable reports coming along. It is probable, however, all reports considered, that the mills will keep on crushing as freely to seed supplies as possible. They have had a good business latterly, have for the most part made money while they are able to get seed supplies at the recent prices, as well as having in consideration the prospects for a further full marketing of the oil to foreign and home sources, and possibly better prices before the season closes. But the variability of the reports from the South are more in relation to the ability of getting seed supplies as freely as desired. Some sections say that they are getting all the seed they need; others that they are getting no seed at all, and that they will be forced to shut down in thirty days; all around, however, it is generally considered that where there is a scant offering of seed it is the exception, and that on the whole the extent of the production is likely to be to further liberal limits.

The exporters have secured a little freight room for this month and have met, when they obtained it, the 23 for prime yellow upon the New York market, but on the whole the offering of the ocean accommodation for prompt use is narrow and tends materially to restrict business. There are, however, some important, perhaps the most material export sources, that follow the recent advance here cautiously. While they had been ready buyers at 22 $\frac{1}{2}$ to the extent of their ability in getting freight room, they hesitate over a 23 price and prefer to await developments, while with an impression that when the mills have loaded up more with their productions and finding diminished trading that they will insist less firmly upon their current strong views. Where 23 $\frac{1}{2}$ had been paid in New York moderately the week before for special deliveries of prime yellow for February, this week finds that price more the asking basis for those later deliveries, and difficulty in getting bids over 23. The rather more indifferent feeling over buying by foreign sources is permitted from the fact that large supplies are now arriving out to them on the considerable buying here in December. All reports from Europe say that the consumption of the oil is largely in excess of that of last year, and that it would not be curtailed at the old figures, but that its future use in quite as full degree would depend more upon the values of competing fats if cotton oil is to have an advance. A fair quantity of freight room could be had for February accommodation, but its rates are held firmly; if there should be a freer supply of

ocean tonnage at easier rates there would be a distinct advantage to cotton oil.

Crude in barrels in New York has been readily salable at 19; there have been only moderate receipts of it, as the mills feel that they will get a relatively better price for it in tank cars at their home points. There have been sales here of 600 bbls. at 19, and a choice lot at 19 $\frac{1}{4}$, but 19 is essentially the best bid. There have been sales of 15 tanks crude in the near Atlantic coast sections, nearly all at 16, or only a couple of tanks at 15 $\frac{1}{4}$. The Texas mills do not get bids over 15, while they are against selling under 15 $\frac{1}{4}$, and ask in instances to 16. It is from this State that the reports come from some of the mills of shutting down Feb. 1, while it is beyond question that Texas is getting by comparison a very moderate quantity of seed; whatever hopes it had held that the top crop would give it a larger assortment; but Texas has no reason to complain over the extent of its productions of oil for the season; it has been a banner year with the State, not only in the extent of its outputs, but in the favorable circumstances under which it has marketed

(Continued on page 22.)

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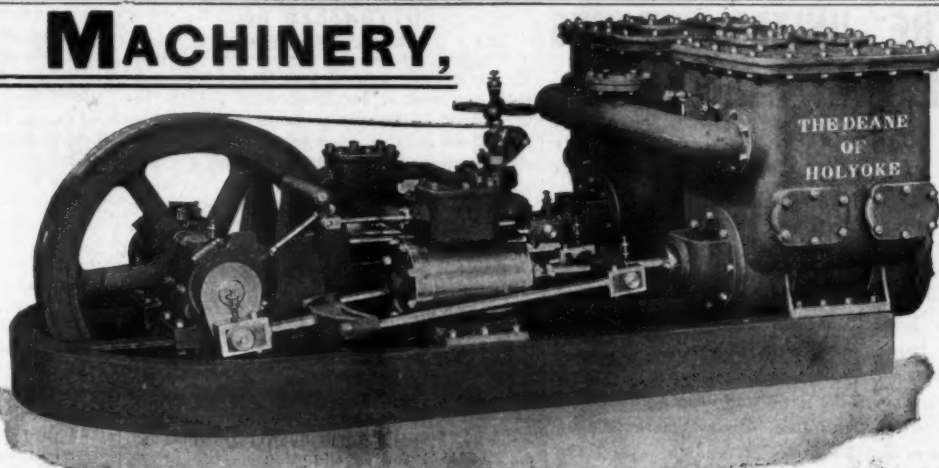
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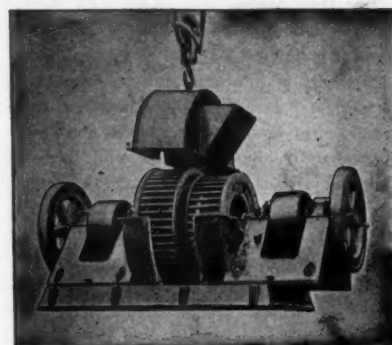
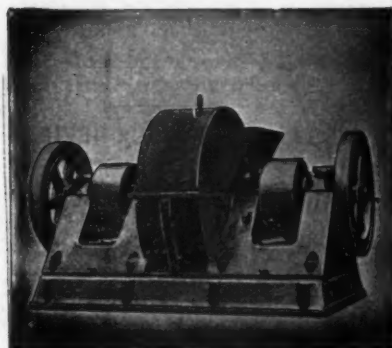
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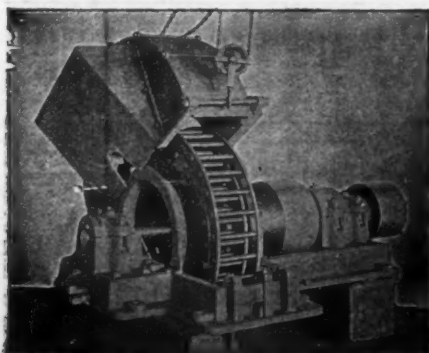
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F. B. THURBER, President,
143 Chambers Street, New York.

Correspondence solicited.

COTTONSEED OIL.

(Continued from page 20.)

ing up steadily limited quantities. These export movements, combined with a little returning animation from home sources, give its oil, not only to the West, but to the Eastern markets for export, and from its own seaboard. The Mississippi Valley has more difficulty in standing apart from other sections in a distinctly firmer rate than usual, and while it talks up to 16, and even 16½, it draws a bid rarely over 15½, although it could probably get 15½ in a more general way. The oil in all sections is now substantially of prime quality, and it will take a later period of the year to give a material offering of off grade goods, while these good off qualities at present in their limited supply are within ½c. of the price of prime, and are wanted where they will answer the purpose just as well for consumption as the prime grade.

Of prime yellow in New York sales have been made of spot and January delivery of 3,750 bbls. at 23 and 1,500 bbls. for February delivery at 23, although it is difficult to buy late February under 23½; there were 500 bbls. for March delivery sold at 23½. In white oil there has been rather more done, with 25½ quoted, and sales of 700 bbls. at that price.

Some of the larger mills at the South have been readier sellers on the late advance. While they talk hopefully of the future market, yet they are ready to let a little more go at the current figures, and so far as can be observed they are not turning down orders in any instance at the ruling prices.

(For Later Report see Page 42.)

TALLOW AND STEARINE.

(Continued from page 18.)

enough animation to the market to characterize it as coming up in briskness. But it is not possible to get better prices, and except for especially desirable lots the position can hardly be called as more than barely sustained. At the same time supplies could hardly be laid down from the West at current prices, with sales thence reported this week at a distinctly firmer rate. Thus there have been sales of 700 tcs. at the West within the week at 3½ for A white, 2½ for yellow and 2½ for brown. Some lots of B white could be obtained there to lay down in New York at 3½, but more desirable lots could not be reached there under 3½, which would cost 3½ put down here, while B white is hardly salable in the New York market over 3½. There have been 500 tcs. taken in New York this week at 3½ for B white, 3½ for A white and 3 for yellow. Chicago has 2½ bid for its yellow from its local pressers, and has sold, as before remarked, a few lots at 2½. There is no excessively large amount on offer here, but the fact that there is a relaxation of buying interest in other fats, although their

prices are hardly changed, has some effect in bringing out offerings of grease here at the recent quoted figures without their owners making claims for more money upon them. Quotations in New York: A white at 3½, B white at 3½, yellow at 3, bone at 3½@3¾, brown at 2½@2¾. At Chicago: A white quoted at 3½, B white at 3@3½, yellow at 2½, brown at 2½.

CORN OIL.—Trading has hardly awakened as yet from the lull which set in with the close of last month, while the shipments before the close of the year gave a pretty good supply abroad. Then besides that there has not been a further advance in competing soap materials, except for cottonseed oil, probably restrains the interest over buying. But there does not appear to be a large supply of the corn oil seeking a market, and it is quite probable that the manufacturers have in instances running contracts to fill. It is believed by the trade that more of a movement is likely to set in when more active general buying develops on other fat materials and that this is quite probable as a feature within a fortnight. Quotations are 2.85@3.05 for large and small lots.

(For Later Report see Page 42.)

KANSAS CITY LIVE STOCK REVIEW.

The live stock records for the week give prices on cattle, hogs and sheep steady. Receipts past week and comparisons as follows:

	Cattle.	Hogs.	Sheep.
Kansas City	38,979	86,385	16,636
Same week 1897...	35,901	70,059	17,827
Same week 1896...	31,338	58,103	10,334
Same week 1895...	28,747	70,637	13,195
Chicago	49,800	173,800	71,800
Omaha	11,100	40,900	21,500
St. Louis	22,300	37,000	4,500
Kansas City	39,000	86,400	16,600

Total	122,200	338,100	114,200
Previous week	100,500	386,300	104,800
Cor. week 1897	116,500	351,300	102,700
Cor. week 1896	120,700	274,000	80,000

Kansas City packers' slaughter:			
Armour Pack. Co.	5,960	35,420	5,214
Swift and Co.	7,908	19,761	6,408
S. & S. Co.	5,991	2,648	2,061
J. Dold Pack. Co.	792	8,568	173
Fowler, Son & Co.	116	17,096	258

Total	21,047	83,022	14,192
Previous week	20,682	94,225	12,051
Same week 1897	17,911	67,350	12,942
Same week 1896	16,923	47,194	10,032

CATTLE.—The heavy receipts of cattle in the early part of the week, with also the heavy receipts in Chicago, had rather a demoralizing effect on what well finished cattle for sale. The highest price paid on Monday, for 1,491-lb average, being \$4.90. On Tuesday a few fancy 1,650-lb average went at \$5, but not many of them of this kind. Wednesday was marked with an absence of anything like fair cattle, and the highest price paid for what was offered that day of 1,441-lb average was \$4.85, but the next day came a scarcity and exporters were free pur-

(Continued on page 31.)

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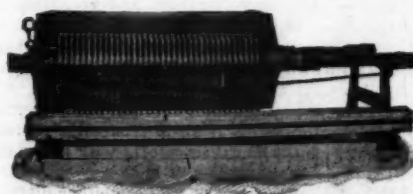
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A glance at the cut opposite shows the machine at work and after it has put on a casing.

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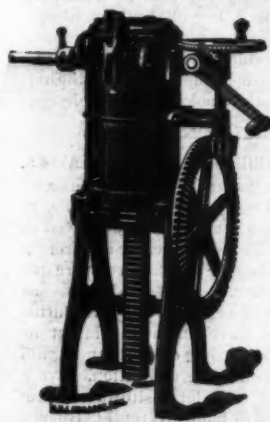
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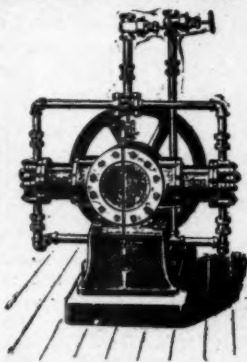
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Dec. 19, 1897.—"Meat Canning," No. 1.
Jan. 1, 1898.—"Test of 86,101 Hogs, Winter Packing."
Jan. 3, —"The Deodorization of Grease."
15, —"Feeding Lambs for Mutton."

CATTLE.

The Shorthorn or Durham.

Joseph E. Wing, Ohio.

The first Shorthorn cattle were brought to Virginia soon after the Revolution. Just 100 years ago Kentucky began breeding Shorthorns. Sixty-two years ago the famous importations were made into the Scioto Valley. The Duchess blood came in 1840, from the famous Mr. Bates to Mr. Vail, of Troy, N. Y. Besides these there have been hundreds of importations made into many States. Today the Shorthorn is the most universally disseminated of any cattle in the United States.

The Shorthorn is now considered a distinctively beef animal, although it should be considered as a general purpose animal; in truth, there have been, and, no doubt, are now, some of the most wonderful dairy cows to be found among the Shorthorns. Breeders differed in their ideals of what a Shorthorn should be. Mr. Bates and his school sought to develop the milking qualities, other breeders neglected these in breeding for distinctively beef type. I fear that it must be confessed that the Shorthorn is not to-day as valuable in the dairy as she once was and might be now had not milking qualities been somewhat lost sight of. However, whether this has not been to the advantage of the breed, looking at it as a beef breed, is a question that I think must be answered in the affirmative. Perhaps the highest degree of excellence can never be secured along two lines differing fundamentally as do milk production and beef production. The Shorthorn is one of the largest breeds in existence; mature bulls will weigh from 1,200 to 1,800 lb. The colors run from pure white to dark red; some are spotted, some speckled and some roan. In the United States the red is the favorite color; in England, curiously enough, roan or white seems as much in favor as anything, and a pure white animal recently took a royal prize.

The general form is square, with well-rounded points, straight back, quarters deep and full, but not bulging; ribs wide, giving a broad back and round barrel; muzzle clear orange-yellow; large nostrils and rather thin-fleshed lips; eyes clear, bright and filled with determination, surrounded by rings of deep yellow flesh; horns short and thick and generally incurving; ears light and bright orange color on inner side; neck short and fine in the cow, heavy in the bull and arching with age; back level, loin full and legs fine-boned and of good proportions to go with size of body.

The breeding of Shorthorns was at one time

a very important industry throughout all the Central and Middle Western States. After the decline in beef, caused by the great increase in numbers of cattle on the ranges, beef production in the United States ceased to be so profitable as it had been, and the breeders became much disheartened, and in most instances abandoned the business or allowed their stock to deteriorate through failure to secure new and valuable blood. As Shorthorns declined on the farm they came into prominence on the range, and it is probable that there is now more of this blood in the Western cattle than of all others combined, notwithstanding that the Scotch cattle and Herefords are now great favorites with ranchers.

Thirty years ago, in Central Ohio, it was not uncommon for a wealthy farmer to pay \$500 for a bull calf of good breeding. He could then, and for ten years afterward, sell his beef cattle for about 6c. per lb, live weight, and as he sought to get them to somewhere about 1,500 lb weight, they would bring him near or quite \$100 each. There was, of course, some fun in farming in those days. It paid then to breed the best, and it will pay now to breed no other sort, if we could but see it. And these times are coming back to us, not, perhaps, just in the old measure, but certainly far nearer to it than we have seen in ten years. Western ranches are surely failing; there is no hope for them; the wild grasses are doomed beneath the "golden hoofs" of the sheep.

There is so much that may be said and that ought to be said for the lordly Hereford, in justice to this massively beautiful beef animal, that it is embarrassing to know what to say and what to omit. Comparatively a recent introduction into America, the Hereford has long been known and prized in Old England. To show the esteem in which Hereford beef cattle have been held I will quote some prices paid for Hereford oxen very early in the century, the figures being taken from the books of Mr. Westcar, of England. These prices were, of course, the very highest received, and, no doubt, were much above average prices received for common fat oxen.

1779	.....2 oxen.....	£100
1800	.....1 ox.....	147
1801	.....6 oxen.....	630
1802	.....1 ox.....	100
1803	.....1 ox.....	105
1804	.....1 ox.....	105
1805	.....1 ox.....	100
1811	.....1 ox.....	105

It will be seen that these oxen have averaged above £100 (\$500) each. It must have been rather a satisfactory business to feed cattle in the early days of the century over in England.

In the United States Henry Clay brought Herefords to Kentucky in 1817. They helped to improve the cattle of that great State of pure-bred animals, but their importance was at first overshadowed by the Shorthorn, the popularity of that breed being universal. In 1824 Herefords were brought to Massachusetts. In 1839-40, Mr. Sotham, of New York, imported a large number. In 1851 Mr. Humphries and Mr. Ashton brought Herefords to Ohio, and since the early eighties there have been large importations to many States, par-

ticularly in Illinois, Iowa and Missouri.

What has given the Hereford his present great popularity is the fact that he is ready and anxious at any time to enter the pens of the stockyards or the rings of the cattle shows in competition with any or all breeds of beef cattle. He is at home on the range, is very hardy, is very prepotent when crossed on common range cows, is full of energy and gets out after grass better, as some ranchers think, than the Shorthorn, grows to the largest size and sells at the top price at the Chicago market.

Herefords are among the largest breeds, and are wonderful feeders. In form they are square and blocky, with short legs. The color is generally a dark red, with a white face, and generally a clear white line extending from head to tail, or perhaps with only a white mane; the belly is generally white, as are the legs and feet.

No claim is made for the Herefords as dairy animals; that they produce great lusty calves and give sufficient milk to grow them as they do is enough. There is at present no general keeping of Herefords on farms of the Eastern or Central States; they are prevalent on the ranches and great stock farms of the West.

Besides being "the nursery of Presidents," Ohio has produced the breed of polled Durhams. These animals were bred in two ways; some breeders secured the hornless Durhams by crossing pure-bred bulls on good native "muley" cows, the progeny, when hornless, being retained and again crossed with pre-bred males. By selecting only the best heifers that were hornless, and persisting in the effort, the breed was finally established so firmly that now in a herd of polled Durhams it is rare to find a calf that is not a perfect poll.

There were, however, breeders who resorted to no out-crossing at all to secure the desired result, who began their efforts with a "sport" or accidental "muley," born of pure-bred Shorthorn parents. There is no other distinction than that of horns between this breed and the old and many times more numerous breed of Shorthorns. The advantages of cattle without horns are so many and so important that it seems probable that at no very distant date cattle with horns will be in the minority, and will make apologies for their continued existence.

INTERNATIONAL EXHIBITION AT BUENOS AYRES.

There is to be a great international exhibition at Buenos Ayres, Argentine Republic, in 1899. Not that local enterprise has moved in the matter, but a Paris syndicate, apparently having reason to believe that there were potentialities of profit in such an event, has opened up negotiations with the Argentine Government. The Government, as might be expected, seeing that it has everything to gain and nothing to lose by the exhibition, gave a willing assent, and is to let a site to the promoters at a moderate monthly rental. Buenos Ayres is a long way from the center of civilization, certainly, but it is a rising city in a great agricultural republic. It is to be hoped that due attention will be given to exhibits bearing upon the transit of cattle by land and water.

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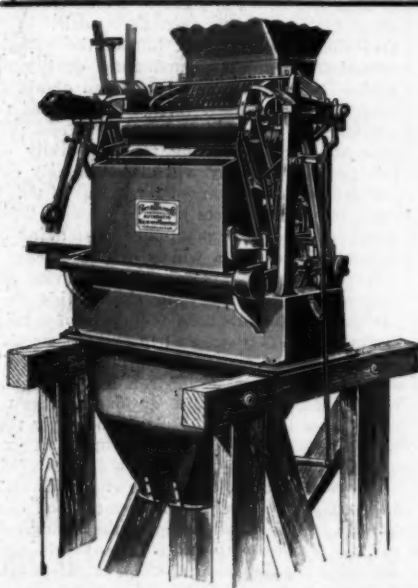
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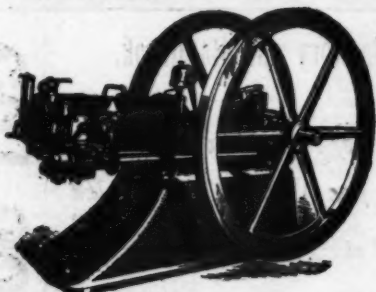
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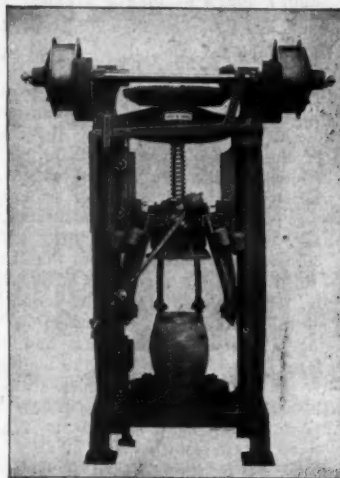
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For summer use the following proportions of fat are employed: Cottonseed oil, 15 cwts.; linseed oil, 20 cwts.; resin, $4\frac{1}{2}$ cwts., and crude palm oil, 3 cwts. In winter the cottonseed oil is replaced by an equal quantity of Japanese fish oil. The fats and about one-third of the (33° B. caustic potash) lye required for saponification are placed in the pan, and steam is admitted under six atmos. pressure, combination being facilitated, if necessary, by the addition of a little water. Then 30° caustic lye is added, to the extent of one-third of the fat in summer or one-sixth in winter, and the soap is fitted by adding the palm oil and remainder of the potash lye. At this stage the soap will be thick, and drop short from the spatula, so that the boiling is complete in one and a half hours at most, and the soap may be filled the same day with 200 lb of potato flour, 400 lb of 19° B. chloride of potash solution and 200 lb of waterglass, 200 lb of 30° B. potash lye being used for fitting. A second filling, producing a good and salable, though not perfectly clear soap, consists of potato flour, 800 lb; 15° B. chloride of potash solution, 1,600 lb; waterglass, 600 lb; 30° B. fitting lye, 800 lb, and sugar coloring, 25 lb.—Seifenfabrikant.

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Two well cleaned hog kidneys are finely chopped; 2 lb firm pork (one-quarter fat) is added and chopped up. It is necessary to chop the kidneys first, alone, as they will not become of the requisite fineness when chopped up with the meat. Spice per lb: 154 grains salt, 31 grains white pepper, 3 grains allspice and 1 tablespoonful red wine. Knead up well, and fill into narrow hog casings to their full length. To be eaten fried. A smoked sausage is made as follows: To each 1 lb of fat pork add three to four hog kidneys cooked, the kidneys to be first chopped alone, and the pork then added. To 10 lb of this mass add 4 lb lean, raw pork, previously chopped up fine, and spice for each lb as follows: 185 grains salt, 31 grains white pepper, 7 grains allspice. Fill loosely into beef bung guts, making globular sausages. Cook them well at about 195°; take out, allow to cool, and smoke in cold smoke for two days. To be cooked from one to two minutes.

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Persons desiring not to be known as making an inquiry should add a nom de plume to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

H. V. K., MARYLAND.—Two grams per gallon of material (especially vegetable) of salicylic acid will prevent fermentation, and is not in the least injurious. One gram equals 15.43 grains. Do not confound gram with grain.

ENGINEER, CHICAGO.—We have given several boiler compounds in these columns, but the fact of the matter is, no general compound can be given. To prescribe so as to effect a cure, an analysis of the water used is absolutely necessary. The case must be diagnosed before prescription can be written. When it comes to burning Illinois slack you need lots of flue room and plenty of air space in the boiler room.

INQUIRER, CINCINNATI.—Geo. W. Dole in 1832 packed and shipped in and from Chicago the first consignment of beef and pork. Possibly over 25,000 men are employed by the packers in Chicago alone.

CANNED MEAT TRADE OF SAN FRANCISCO.

We have not got quite as good facilities for the canned meat trade as other cities in the United States, says a Frisco paper, but the industry has been started and with proper encouragement it would no doubt grow to considerable dimensions, but for the great movement of troops in the Orient and fleets also. They will require a very great deal of canned and pickled meats and those who have the business in hand should lose no time in making known the facilities that San Francisco has for supplying these goods. We have been led into making these remarks by the fact that England has called for prices on three-quarters of a million pounds of canned meats for the British army in India to a Kansas City firm. We are as near to India as Kansas City. England is more or less dependent on the United States for her supply of provisions and this sending for prices three thousand miles away and fifteen hundred miles inland is a striking testimony to the truth of these assertions. It also illustrates the wonderful cheapening of long distance transportation. We may, however, be permitted to say that England could probably obtain supplies for her soldiers in India much more cheaply in San Francisco than elsewhere. In this connection it is notable that Russia buys provisions for her army in eastern Asia in this city that it would be well if England would follow her example.

Government Experiments For Cure of Hog Cholera.

The Chief of the Bureau of Animal Industry, Dr. D. E. Salmon, has submitted to Secretary Wilson a report upon the experiments made in the treatment of hogs for hog cholera with anti-toxin serum. Referring to this report, Secretary Wilson remarked that undoubtedly the results reported by Dr. Salmon were most encouraging to hog raisers. The cost of the serum was only 10 cents a head for animals treated, and doubtless in course of time this light cost would be still further reduced.

"It is, in my opinion," said the Secretary, "of the utmost importance that this serum for the next year at least be made by the bureau under our own supervision and distributed in large quantities in order to demonstrate its efficiency upon a more extended scale. It is absolutely essential that during the experimental stage serum of undoubted quality be used. Unless the hog growers can obtain it from this Department they will be forced to depend upon what can be obtained from private sources, and owing to the novelty of this product not only will discouragingly exorbitant prices be charged for it, but in many cases inferior products may be offered. This would preclude the possibility of making a satisfactory test on a widely extended scale.

"I propose to ask Congress to provide an appropriation necessary to enable this Department to furnish 2,000,000 doses of serum during the next year, and to make a considerable portion of the appropriation immediately available. It seems from Dr. Salmon's report that it takes three or four months to put a horse or cow in condition to supply the serum, consequently the work upon an extended scale must be undertaken at once. The losses from hog cholera are so enormous and have weighed so heavily for years upon our farmers that I cannot imagine that Congress will for a moment hesitate to make the appropriations necessary to carry on this work thoroughly. Indeed, apart from the great stake the farmers have in this matter, to refuse to provide for a thorough test of this remedy now would be, indeed, penny wise and pound foolish; for the discovery of this serum has involved already many years of work and a very large sum of money. It would be a great mistake, now that so great a discovery seems to have been made, not to finish the work by giving it a thorough and extensive test."

LIVE STOCK EXCHANGE ELECTIONS.

At the annual meeting of the Louisville Live Stock Exchange, the following officers were elected: J. M. Harper, president; S. B. Snodgrass, vice-president; William A. Burnett, secretary; F. H. Goodridge, treasurer; A. G. Cheatham, prosecutor; William Kopmeyer, assistant prosecutor; O. Tatum, J. C. Bourne and Henry Segelstyl, arbitrators.

M. R. Murphy was elected president and James G. Martin vice-president of the Omaha Live Stock Exchange.

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NEW CORPORATIONS.

THE JOHN SEIM MEAT CO., St. Louis, Ohio, has been incorporated with a capital stock of \$3,000 to do a general butcher business. The incorporators are John Seim, Henry Springer and Geo. J. Seim.

THE OZONIZED OX MARROW CO., Chicago, Ill., has been incorporated with a capital stock of \$2,500 to manufacture ozonized ox marrow. The incorporators are Charles Ford, E. B. Smith and H. M. Beck.

THE MOREY BROTHERS LIVE STOCK CO., Denver, Col., have filed a certificate of incorporation with the Secretary of State. It has a capital stock of \$250,000, and will do business in Arapahoe Co., Col.

THE NEW LEBANON CANNING CO., Lebanon, Ohio, has been incorporated with a capital stock of \$5,000.

THE AMMONIA SOAP POWDER CO., of Indianapolis, has been incorporated. The capital stock is \$20,000 and the directors are Thomas Taggart, John C. Perry, John R. Pearson, George C. Brinkmeyer and Frederick Brinkmeyer.

THE CANADIAN PACKING & PRODUCE CO., Limited, give notice of application for letters patent in the Manitoba Gazette. The headquarters of the company will be Winnipeg, and the capital stock \$100,000. The object is the packing and handling of cattle, sheep, hogs, poultry, dairy produce, fish, etc.

THE SEVEN LAKES CATTLE CO. has been incorporated by L. N. Davis, James Fox and Bruce Glidden, with \$50,000 capital, to operate in El Paso and Fremont Cos.

SWIFT AND COMPANY, of Chicago, certified to an amendment of object of incorporation to deal in cattle, manufacture beef, mutton, pork and other commodities.

THE MOORESVILLE SORGHUM & MANUFACTURING CO., of Mooresville, Ind., has been incorporated. The capital stock is \$5,000 and the directors are T. E. Lawrence, T. J. Lindley, J. E. Overton, T. B. Rooper, R. R. Scott, D. W. Johnson and A. R. Cooper.

THE JAMAICA ICE & COLD STORAGE CO., of Jamaica, N. Y., has filed a certificate with the Secretary of State, announcing that half of its capital stock, which amounts to \$30,000, has been paid in. The directors of the company include John S. Wyckoff, Charles Comstock, Francis Raymond and Franklin H. Corwin.

THE HOLT ICE & COLD STORAGE CO., Indianapolis, Ind., filed notice with the Secretary of State that it has increased its capital stock from \$115,000 to \$150,000.

THE E. RAUH & SONS FERTILIZER CO., Indianapolis, Ind., has filed articles of incorporation. Its capital stock is \$75,000.

THE SIMPLEX ENGINE & MACHINERY CO., Chicago, Ill., has been incorporated to manufacture engines and refrigerating apparatus, with a capital stock of \$20,000. The incorporators are F. W. James, J. F. Small and W. D. Sherwood.

THE ARCTIC ICE CO., Bloomington, Ill., was incorporated with a capital stock of \$2,000. The incorporators are Arthur Heafer, N. D. Grady and Edward H. McKern.

THE LOS ANGELES SOAP CO., Los Angeles, Cal., has filed articles of incorporation. The directors are J. A. Forthman, J. J. Bergin, H. E. Forthman, T. LeSage and I. B. Dockweiler. It will manufacture all kinds of laundry and toilet soap, washing powders, etc.

THE APPLETON LIVE STOCK ASSOCIATION, Milwaukee, Wis., filed articles of incorporation. Capital stock, \$10,000.

THE HOOSIER MANUFACTURING CO., of Indianapolis, organized for the manufacture of soaps, car cleaner, axle lubricants,

etc.; capital stock, \$3,000. Directors, W. R. Wands, F. C. Reaume and S. F. Wands.

THE W. J. PERRY LIVE STOCK COMMISSION CO., South Omaha, Neb., has been incorporated with a capital stock of \$50,000, to engage in the business of buying, selling, feeding and handling live stock on commission of otherwise, etc. L. F. Stockwell is president and J. W. Tribble secretary.

THE PINE GROVE STOCK FARM CO., Chicago, Ill., has been incorporated with a capital stock of \$2,500, to conduct a general stock farm. The incorporators are W. D. Sturgeon, A. Gammage, etc.

THE HILL ICE MANUFACTURING CO., Allegheny, Pa., was incorporated with a capital stock of \$1,000.

EXPORT STATISTICS.

Cattle, Hogs, Provisions, Etc., Shipped Away by Uncle Sam During Last Month and in 1897.—Comparisons With 1896.

The monthly report of the Bureau of Statistics, Worthington C. Ford, Chief of Bureau, Washington, D. C., shows the exports last month to have been as follows: Cattle and hogs, \$3,376,692; provisions, \$14,029,032.

Exports in December, 1897.

Cattle (number).....	39,573	\$3,372,050
Hogs (number).....	810	4,642
Beef Products—		
Canned (lb).....	5,399,872	479,734
Fresh (lb).....	23,931,140	1,987,091
Salted (lb).....	3,813,256	215,124
Tallow (lb).....	7,586,069	270,774
Hog Products—		
Bacon (lb).....	59,490,467	4,249,592
Hams (lb).....	15,373,795	1,454,998
Pork (lb).....	8,126,242	450,274
Lard (lb).....	71,258,578	3,900,492
Oleomargarine—		
Imit'n butter (lb).....	329,605	27,876
Oleo (the oil).....	11,645,992	691,777
Dairy Products—		
Butter (lb).....	507,241	81,947
Cheese (lb).....	2,517,175	218,908
Total provisions, including cattle and hogs.....		17,405,724
Value of exports of beef, hog and dairy products, including oleomargarine, from Northern border customs districts:		
Districts.....	Dec., '97.	Year '97.
Champlain, N. Y.....	\$614	\$428,112
Detroit, Mich.....	30,469	2,796,842
Duluth, Minn.....	...	1,538
Huron, Mich.....	13,373	2,831,978
No. and So. Dakota.....	32,408	188,134
Oswegatchie, N. Y.....	3,772	841,294
Total.....	\$80,636	\$7,087,898

The exports of provisions for the twelve months of 1897 amounted to \$135,064,328; cattle and hogs, \$36,460,438.

Exports for the twelve months of 1897, together with those of 1896, with comparison:

	1897.	1896.
Cattle	\$36,434,357	\$34,275,121
Hogs.....	26,081	13,482
Beef Products—		
Canned.....	3,588,548	5,222,098
Fresh.....	22,300,752	22,496,289
Salted.....	2,205,418	4,639,350
Tallow.....	2,016,572	3,292,003
Hog Products—		
Bacon.....	39,707,648	30,964,091
Hams.....	16,459,849	14,836,824
Pork.....	3,628,458	3,083,907
Lard.....	28,256,976	27,610,230
Oleomargarine—		
Imitation butter.....	354,660	565,026
Oleo (the oil).....	6,974,247	7,515,049
Dairy Products—		
Butter.....	4,404,478	3,866,720
Cheese.....	5,166,686	3,836,885
Total provisions, including cattle and hogs.....	171,524,766	162,217,075

DECREASE OF SHEEP CULTURE IN GREAT BRITAIN.

According to the last census Great Britain had 26,340,440 sheep in June, 1897. This is a shrinkage of about two and one-half million head, against 1895, when the sheep numbered 29,774,853. The shrinkage is due to the bad crops, especially the poor turnip crop.

H. R. BILL 6,080.

Full Text of the Measure Introduced by Representative Belknap Providing for Increased Duties on Imports.

The full text of H. R. Bill 6,080, introduced in Congress by the Hon. H. R. Belknap, of Chicago, at the solicitation of the Provision Dealers' and Exporters' Association of that city, and which was alluded to in last week's issue, is as follows:

"A bill providing for the conditional increase of duties upon certain imported articles.—Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That whenever and so often as the President shall be satisfied that the government of any country producing and exporting, directly or indirectly to the United States the articles of merchandise mentioned in the first paragraph of Section 3 of the act entitled 'An act to provide revenue for the government and to encourage the industries of the United States,' approved July 24, 1897, or the articles mentioned in paragraphs 385, 386, 387, 388, 389, 390, 391 and 425 of the first section of said act, or any of them, shall have imposed duties or other exactions, or carried into effect decrees or orders which are prohibitive or destructive of any important part of the export trade of the United States to such country in articles which are the products of the soil or industry of the United States, and the President shall communicate such action to Congress, and if a just reciprocity of trade be not otherwise secured with such country to the satisfaction of the President, the duties to be collected upon the articles of merchandise described in said paragraphs, or upon such of them as the President shall decide to be a reciprocal equivalent, being the product of the soil or industry of such country and imported into the United States, shall be increased by the amount of 50 per centum thereof, such increase to take effect from the date of the President's proclamation thereof and to continue until he shall, by proclamation, declare the suspension thereof; and the Secretary of the Treasury shall make all needful and proper regulations for giving effect to the same."

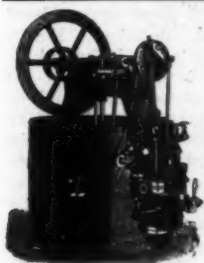
Mr. Belknap's bill, summarized, provides for a tariff of 50 per cent. in addition to present rates on the more important products specified in the different paragraphs of the sections mentioned in the first part of the bill, which are sent to this country by foreign nations which refuse to observe or make reciprocity treaties. The bill also provides that the President shall notify Congress of any obstructive embargoes or prohibitory duties placed upon exports from this country, so that retaliatory action may be taken at once.

Mr. Belknap's bill was referred to the Committee on Ways and Means.

Mr. George J. Brine, one of the managers for Armour & Co., who is secretary of the Provision Dealers' and Exporters' Association, says that the Republican leaders of the House of Representatives are heartily in favor of the bill. Armour & Co. have suffered considerably from discriminations made by the German government upon canned beef exports. Other packers and exporters have experienced a setback from the same government. The recent action of the French Chamber of Deputies, which passed a measure placing a duty of from 50 to 80 per cent. in import taxes on lard and pork products, is equal to prohibition, say the managers of the exporting companies.

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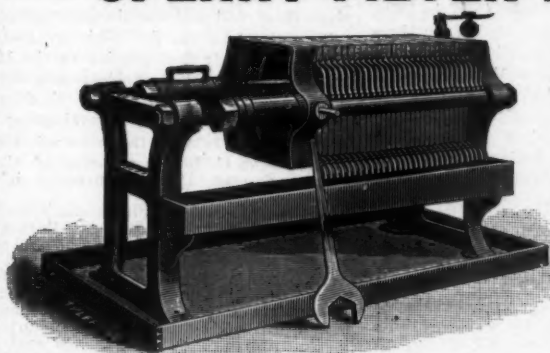
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York.

COLORED MARGARIN FORBIDDEN IN MARTINIQUE.

An advance Consular report sheet dated Jan. 14, says:

Consul Tucker writes from Martinique, under date of Dec. 3, 1897, in regard to the inconvenience caused by continued arrival of colored oleomargarine, the import of which is prohibited by law. At the time of the promulgation of the law, says the consul, there was a considerable quantity of oleomargarine in transit, which was admitted. The exporters in the United States were informed that no more colored oleomargarine should be sent; but, in spite of the notice, shipments have been received from various manufacturers, all of which have been refused admission. In accordance with the request of Mr. Tucker, a second analysis has been made in several instances, which has always resulted in reaffirming the original opinion of the chemist. In order to save shippers serious trouble and expense, the consul desires again to draw attention to the following points of the law:

(1) Oleomargarine will be accepted if it does not contain more than 10 per cent. of butter.

(2) Oleomargarine must be white or nearly so—that is, it must not contain a single particle of foreign coloring matter, such as saffron, etc.

(3) The cases must show on their four sides in plain letters the word oleomargarine; the cans must bear the word, stenciled or printed on their surface, and have a pasted label showing the exact analysis of the oleomargarine therein contained.

The above requirements, says Mr. Tucker, must be complied with, as the law is strictly enforced. Shipments have been received which the exporters declared were pure, but which were rejected on account of the yellowish color.

Another communication from Consul Tucker, dated Dec. 17, 1897, says that 200 more cases have been received from the United States, and have been rejected. The consul desires to emphasize that the invoices should give the composition of the goods, and that the word margarin or oleomargarine should be used in all bills, receipts, etc., connected with the importation of the article. He quotes the following provision from the law:

In the retail trade, the margarin or oleomargarine must be delivered in the form of a cube, and with a stamp on one of its faces, either margarin or oleomargarine, and wrapped in an envelope, bearing in conspicuous and indelible characters the same designation, as well as the name and address of the dealer.

SOUTH OMAHA PACKINGHOUSE IMPROVEMENTS.

Manager Noyes, of the G. H. Hammond Company estimates that the repairs and improvements made to the Hammond property during the year just closed cost \$25,000. While no new buildings were erected, a number of changes and alterations were made which increased the capacity of the plant considerably. As for the coming year Manager Noyes says that new smokehouses will be built and additions made to the shipping and packing rooms. The cost of these improvements is estimated at \$15,000. Swift and Company spent fully \$50,000 in improvements last year and will spend as much more this year. Smokehouses to cost in the neighborhood of \$40,000 will be built and additions made to the storage rooms.

Manager Talliaferro, of the Omaha Packing Company, stated that no improvements or additions were made to the plant last year and none were contemplated for this year.

It is expected that the Armour plant will be in operation during either June or July,

and this addition to the packing business will mean much. Five of the Armour buildings are now in course of erection, and with mild weather they may be completed by spring.

ANNUAL MEETING OF CHICAGO BOARD OF TRADE.

The annual meeting of the Chicago Board of Trade was held on Monday, Jan. 10, immediately after the close of the day's business. Retiring President W. T. Baker called the meeting to order, and, after dispensing with the reading of the minutes of last year, the directors' and treasurers' reports were read and approved. The directors' report is as follows:

To the Board of Trade of the City of Chicago:

Gentlemen—Your directory herewith submits its report of receipts and expenditures for the fiscal year ended Jan. 3, 1898:

Receipts	\$288,557.80
Expenditures	276,940.44

Balance	\$11,617.26
---------------	-------------

During the year the bonded indebtedness of the board amounting to \$1,250,000, bearing 5 per cent. interest, was refunded at 4 per cent., payable June 1, 1927. The amount of rentals received during the year is \$110,251.94, as compared with \$109,395.16 in 1896, \$106,648.00 in 1895, and \$109,841.77 in 1894.

The membership of the association numbers 1,835, and the number of memberships transferred during the year was 156, yielding a revenue of \$3,900. The building and its machinery are in first class condition, and every office is rented. The board of directors fixed the assessment for the ensuing year at \$60 per capita, \$10 less than for the year 1897.

The number of cattle, hogs and sheep which arrived in the market during the year was 14,525,288, valued at \$207,235,636, as compared with 13,850,603, valued at \$179,876,997, in 1896.

The shipments of meats aggregated during the year 1,992,438,241 lb, as compared with 1,729,375,732 lb in 1896.

IN MEMORIAM.

William A. Hammond, Grant W. Eschenburg, Hugh McMillan, Henry C. Chapin, Orrington Lunt, Edward J. Martin, Archibald J. Fisher, John M. Leet, William G. Metzger, S. Shoneman, George R. T. Ward, Charles S. Lee, A. J. Degan, Noah P. Harrison, J. Austin Brown, George C. Finney, James M. Treadway, P. L. Underwood, Daniel B. Hubbard, George M. Pullman, Ira Tomblin, Herbert Alward.

Respectfully submitted on behalf of the Board of Directors by W. T. BAKER, President.

Mr. Baker's introduction of Mr. Carter was in a very few words, and Mr. Carter then made an address in part as follows:

"Fellow-Members of the Board: In accepting the office to which you have elected me, permit me to thank you for the confidence so expressed. I feel assured that your cordial co-operation and assistance will be extended to your officers in the performance of their duties during the coming year. Perhaps no institution is more sensitive to a change in the business conditions of our country than this board. It may in a sense be considered as a barometer of trade conditions. Hence, any change in commercial or industrial interests of the country is necessarily of the biggest concern to all of us. The condition of farming and manufacturing, and, in fact, of nearly all the industrial and commercial interests of the United States, has very greatly improved during the past year. As the revenue and financial policies of our Government more nearly approach correct principles, our people are becoming daily more confident of much greater prosperity in the near future. It is, therefore, not unreasonable to expect that the membership of this board will profit largely during the coming year by the increased commercial activity which we have every reason to confidently expect."

The resolutions of thanks to retiring President Baker, presented by W. L. Kroeschell, were then read and unanimously adopted.

The directors of the Chicago Board of Trade held their first meeting on the 11th, at which the following appointments for 1898 were made: Secretary, George F. Stone; assistant secretary, R. S. Worthington; treasurer, E. A. Hamill; treasurer of Clearing House, John C. Black; manager of Clearing House, Samuel Powell; inspector of hay, David Walsh.

The reorganized standing committees are as follows: Executive, Bogert, Parker and Lyon; Finance, Parker, Bodman and F. W. Smith; Real Estate, Lyon, Zeiss and L. J. Smith; Rules, Gray, Stone and Harlow; Legal Advice, Bodman, Patten and Bunnell; Rooms, Harlow, Nicol and Snyder; Membership, Stone, Bunnell and Bodman; Warehouses, Eckhardt, F. W. Smith and Nicol; Clearing House, Nicol, Bogert and Harlow; Market Reports, Barrett, Snyder and Patten; Violation of Rules, Patten, Gray and Winans; Transportation, L. J. Smith, Lyon, Nash, Fish, Pope, Eckhardt, Rogers, Jenkins and Jones; Weighing, Snyder, Winans and Eckhardt; Claims, F. W. Smith, Bodman, Gray, Zeiss and Parker; Meteorological Observation, Bunnell, Barrett and Patten; Provision Inspection, Zeiss, Stone, Bunnell, Botsford and A. S. White; Flour Inspection, Montague, Manson, Reifsnider, Horner and Young; Flaxseed Inspection, Winans, Eckhardt, A. Rheinstrom, C. F. Hills and J. M. Wanzer; Other Inspection, Lyon, Patten and L. J. Smith; Arbitration on Grass and Field Seeds, Seaverns, Eddy, Hunter, Rodgers and Heath.

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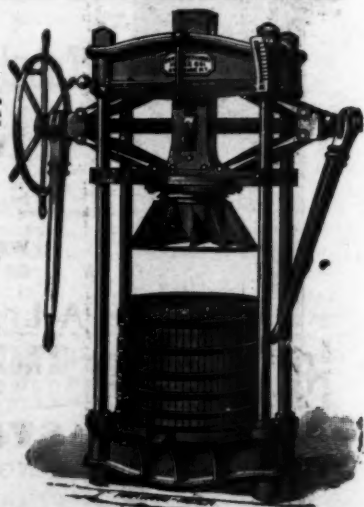
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KANSAS CITY LIVE STOCK REVIEW.

(Continued from page 22.)

chasers of what was on the market; the highest price being paid for 1,445-lb average, \$4.95. The next day a greater scarcity, and the purchasers' appetite whetted more keenly, so that quite a number of bunches went at \$5, and the purchasers were eager for more of the same kind. There was a fair supply in the early part of the week of cows and heifers. Some 1,330-lb average cows sold at \$3.95, and some 1,150-lb average heifers sold at \$4, the highest price, but towards the end of the week the scarcity of the stock stiffened the market considerably, so that 1,290-lb average cows went as high as \$4.25. To be sure, this was the top price, as the bulk of the cows did not range over, say \$3.40. The heifer market also stiffened, so that some 1,300-lb average were sold at \$4.15, and towards the close of the week some 1,020-lb average sold to the high value of \$4.25. Native bulls also were in fair request; some 1,710-lb average sold at \$3.50, and a few of 1,180-lb average sold at \$3.65. Texas steers were in no large supply. At the early part of the week some 944-lb average going at \$3.85, but the scarcity towards the middle and close of the week advanced the prices so that a bunch of 1,562-lb average went to the slaughter house at \$4.25, the highest price paid for Texas during the week. Some Texas cows of 1,180-lb average sold at \$3.25. Some Texas heifers of 750-lb average sold as high as \$3.75. A bunch of Texas bulls of 1,530-lb average sold at \$3.15, while another fancy bunch of 1,150-lb average sold as high as \$3.65. Western steers in fair supply. During the first of the week some 1,100-lb average sold at \$4.25, but the final close of the week some fancy Western of 1,400-lb average sold at \$4.65, which was the top price for the week. A bunch of Western cows of 865-lb average sold at \$3.50. The top of the market was gained by one lot of 1,038-lb average sold at \$3.55. Some Western heifers of 700-lb average sold at \$3.80. Some Western bulls of 1,213-lb average went as high as \$3.05. Colorado steers of 1,435-lb average sold at \$4.75. Some Colorado cows of 890-lb average sold at \$3.95. A bunch of 100 New Mexican steers of 1,061-lb average sold at \$3.95. Another bunch of 82 of 1,205-lb average sold to the good price of \$4.35. Some Arkansas steers of 828-lb average went at \$3.72½. A bunch of 50 Washington State steers of 1,381-lb average sold at \$4.60. Some 263 Oregon steers of 1,349 lb average sold at \$4.25. A bunch of Louisiana steers of 1,027-lb average sold at \$3.65. A bunch of cows of 692-lb average at \$2.60. Some fed Old Mexican steers of 882-lb average sold at \$4.05. In fact, taking the

(Continued on page 38.)

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Complete Outfits for Pork and Beef-Packing Houses, Oleo-Oil
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Works, Meat Canning and Beef Extract Factories.

REFRIGERATING PLANTS INSTALLED.

PACKING HOUSE MATTERS AND NOTES OF GENERAL INTEREST.

Persons contemplating the erection of packing houses or in need of packing house machinery will do well to make their wants known in this column. The foremost firms in the lines mentioned closely peruse the notes on this page, and prospective purchasers of machinery would be placed in immediate communication with them.

* The Colusa (Cal.) Gazette says: Colusa County is already gaining some notoriety from the outside world about her meat industry, as she is one of the leading cattle and hog counties of the coast.

* Rarely in the history of business in Des Moines, Ia., has a new company become so engrafted into the good graces of the people as the John Morrell & Co., that bought out the Liverpool and Des Moines Packing Company but a short time ago. On Dec. 6, the Morrell Company, of Ottumwa, took hold of the jobbing or smoked meat business of the Liverpool and Des Moines Packing Company, which had reached enviable proportions. Morrell & Co. have placed on the market the same kind of pure kettle rendered leaf lard, and also Iowa's Pride hams and Breakfast Bacon, which succeeds the celebrated Windsor Brands in the local and State market. The John Morrell & Co.'s warehouse is at 216 West Second street, room formerly occupied by the Liverpool and Des Moines Packing Company.

* Preliminary arrangements have been completed for the convention of the Pacific Northwestern Cattlemen's Association, which is called to meet at Pendleton, Ore., on Feb. 5. Four States will be represented, Oregon, Washington, Montana and Idaho, and it is expected between 400 and 500 delegates will be present.

* It is rumored that the Schwarzschild & Sulzberger Co., of New York, will probably build a branch packinghouse in St. Joseph, Mo. A couple of representatives of this firm were in St. Joseph recently and expressed themselves as considerably pleased with that location.

* The Western Union Beef Co., of Fort Worth, Texas, has just sold 8,000 steers off its West Texas ranch to Clinton Anderson, of Wyoming. The consideration is said to be \$175,000. The Western Union is disposing of all its stock and property located in Texas, Colorado, New Mexico and Montana, and will, it is said, retire from business.

* The announcement was made recently that the first Liverpool-bound steamer out of Port Arthur, the Drumelzier, which will sail this week, will carry as part of its cargo a large consignment of meats for the European market. A fast through train on the Kansas City, Pittsburg & Gulf carried eight cars filled with products from the Armour Packing Co.'s establishment. The shipment included a large quantity of boxed meats, besides canned meats and lard. Other Kansas City packers will probably contribute to the Drumelzier's cargo. This shipment of export merchandise to Liverpool is regarded by Kansas City packers and merchants as one of the most important transportation moves that has ever been made in the history of Kansas City's commerce. "It simply gives us every advantage in the way of transportation that Chicago now enjoys," said the traffic manager of one of the largest concerns in this city, "and it is an advantage which I am sure we will be able to hold, since Port Arthur and the Gulf ports are now easy of access to the West and Southwest, which is the greatest producing community on earth." The representative of a packing company said that without doubt the shipment of meats for export to Europe from Port Arthur would mean much to Kansas City's trade for the reason that the shorter the rail haul to the seaboard



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the better it was for the packer. The packinghouse products, he said, required careful handling, and if the shipments from Port Arthur are made with satisfaction to the trade, then that port will handle large consignments of foreign business in the future.

* Owing to the increase of their business, the Messrs. J. T. Washburn & Co., of Boston, have been obliged to move from 5 Chatham Row, their former location, to larger quarters at 77 North street, where they will carry a full line of pork products. They are also agents for New England for Bechstein's ham roll.

* Reports from Denver show that there is a general feeling that hogs are going higher. Many breeders sent in lots of hogs which brought good prices.

* Fire broke out in the slaughter house attached to the building occupied by the West Philadelphia Stockyard Co., at Thirtieth and Race streets, Philadelphia, and damaged the building and contents to the extent of about \$50,000; fully covered by insurance. This building was owned by the Pennsylvania Storage Co., by whom it was rented to the West Philadelphia Stockyard Co., an organization of butchers. T. P. Shriver is president and J. M. Harlan is secretary.

* Since Nov. 1, when the winter packing season began, the Indianapolis packing houses have killed 200,000 hogs, against 198,000 in the corresponding period of last year; increase this season, 62,000 hogs. At the twenty-four points which report their business, 4,515,000 hogs have been killed, against 3,570,-

000 in 1896, an increase this season of 945,000 hogs. There are now killed daily at Indianapolis from 300 to 600 head of cattle.

* The Lopez ranch, embracing 1,200,000 acres of land, situated in the State of Tamaulipas, Mexico, has been sold to Jimberg & Olsen, of Chicago. On the ranch are 30,000 head of cattle, which are included in the deal. The consideration for the ranch and cattle is \$800,000. The Lopez ranch is the largest in Northern Mexico. It fronts on the Soto La Marina River, and in addition to its agricultural possibilities, also contains extensive and valuable deposits of asphaltum.

* Philadelphia will get new abattoir in place of the one recently destroyed by fire. All the latest modern improvements and appliances will be employed, and the place will be fitted up throughout in the most complete way, the estimated cost being nearly \$2,000,000.

* The entire plant of the Denver (Col.) Packing Co., in that city, was sold to M. W. Blaney, of Denver. Mr. Blaney will continue to manage the business on the same plan upon which it is run at present, and the big retail establishment will not be closed.

* Chicago packers slaughtered hogs last week as follows: Armour, 36,000; Anglo-American, 10,500; Boyd & Lunham, 8,200; Chicago, 7,100; Continental, 12,000; Hammond, 4,500; International, 11,200; Lipton, 7,600; Morris, 10,200; Swift, 24,000; Viles & Robbins, 9,200, and city butchers 9,500, mak-

(Continued on page 36.)



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Prevents Ropy Pickle and Slimy Meats.

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Live Hogs.

Which is the Most Profitable and Satisfactory to the Packer?—A few Hints Regarding the Handling of Hogs in Hot Weather.—Unloading and Weighing; Hints to Buyers.—Dockages.—Inspection.—Figures for the Country Packer.—To Avoid Sour Meats.—Cost of Handling Hogs in Yards.—Feeding.

Hog Killing.

Driving to Pens.—The Shackler.—Necessity of a Foreman.—Stripping Small Guts.—How to Avoid Destroying Them.—Scarring Guts.—To Avoid Destroying Large Guts.—Expense of Killing.—Men Required for Killing Gang.—The Work of Each Man on the Killing Gang.—Avoid Shoulder Sticking.—Temperature of Water in Scalding Tub.—Hog Scalding.—The Scientific Portion of Hog Slaughtering.—The Expert Gutter.—The Shaver.—The Gut Bench.—Casings and Guts.—"Dark" and "Off" Color Lard Due to Careless Washing of Guts.—Do not Let Your Fat Go into the Sewer.—Hog Stomachs.—Leaf Lard.—Tongues.—How to Treat Them.—Temperature.—Dry Shaving.—Proper Handling, and After Effects of Poor Handling.—Shrinkage from Live to Dressed Weights.—Hair, Bristles, etc.—Carelessness of Killing Gang.—How to Avoid Losses.—When Water Should Be Used.

Pepsin Manufacture.

What is Pepsin.—Method of Preparation.—Straining and Filtering of Liquid.—Crude Pepsin.—Purified Pepsin.—General Treatment and Drying Process.

The Chill Room.

When to Put In.—Temperature of Room and Hogs.—Reduction of Temperature.—Lowest Temperature Permissible.—How Long to Hang Therein.—Watching the Temperatures.—Proper Insulation of Chillrooms.—Artificial Refrigeration Prevents Sour Meats.—Where to Place Brine Pumps.—Where to Run the Pipes.—Necessity of Reliable Men in Taking Temperatures.—Closest Attention Necessary.—Necessity of Competent Men.—Advantages of Thorough Mechanics.—Who Should Attend to Insulation.

Cutting of Hogs.

When to Commence Cutting.—Size of Gang.—The Cutting Gang.—The Chopper.—Instruments in Use.—Side Meat Trimmers.—Ribbers.—Backbone Sawers.—Shoulder Trimmers.—Blade Pullers.—Where to Chop the Backbone Out.—Other Men and Boys Necessary.—Cost of Cutting.—Domestic Cuts.—Export Cuts.—Loin.—Wrapping.—Cold Storage.—Treatment During Summer Season.—No Lean Meat to Tanks.—Spareribs.—Backbones, Neckbones, Hocks; What to do With Them.—Short-rib Middle (illustrated); How to Cut—English Short-rib Middle (illustrated and explained).—Long Clear Middle (illustrated and explained).—Extra Long Clear Middle (illustrated and explained).—Long-rib Middle (illustrated and explained).—Cumberland Middle (illustrated and explained).—Yorkshire Middle (illustrated and explained).—Staffordshire Middle (illustrated and explained).—Dublin Middle.—Stretford Middle.—Birmingham Middle (illustrated and explained).—Short, Clear Sides (illustrated and explained).—Extra Short, Clear Sides (illustrated and explained).—Wiltshire Sides (illustrated and explained).—South Staffordshire Sides (illustrated and explained).—Clear Belly (illustrated and explained).—Rib Belly (illustrated and explained).—Welsh Sides.—Irish-cut Sides.—South Staffordshire Sides.—Clear Bellies, English.—Rib Bellies.—Pickled Clear Bellies.—Short Clear Backs.—English (illustrated).—Short Fat Backs (illustrated).—Long Fat Backs (illustrated).—Pickled Clear Backs.—Short-cut Hams (illustrated).—Long-cut Hams (illustrated).—Stafford Hams (illustrated).—South Stafford Hams.—Manchester Hams.—Skinned Hams.—California Hams (illustrated).—Belled Hams, Bone-

less (illustrated).—Boston Shoulders (illustrated).—Square Shoulders.—New York Shoulders (illustrated).—Regular Shoulders (illustrated).—Skinned Shoulders.—Rolled Shoulders, Boneless (illustrated).—Mess Pork (illustrated).—Prime Mess Pork (illustrated).—Extra Prime Pork.—Clear Pork (illustrated).—Extra Clear Pork.—Clear Back Pork.—Shoulder Butts, Lean.—Pork Loin.—Cumberland.—Short Ribs.

Fresh Meats.

Tenderloins.—Trimming.—Spareribs.—The Advantages of Spreading.—What Receptacles to Use to Give Meat a Good Appearance.—What Pieces Must not Be Gotten for Counter Trade.—The Handling of Spareribs, also Fresh and Smoked.—Meat Market Sales.

Hog Tests and Relative Values.

The Value of Tests.—What Percentage to Figure on Live Weight.—What to Figure for Cost of Manufacture.—Shrinkage When Determining Cured Yields.—Conclusion About Cutting of Hogs.

TABLE SHOWING AVERAGE Weights of Cuts, Meats, and LARD YIELDED by Live Hogs of 110 to 450 lb. (This table alone is worth the price of the book to every packer.)

Packing and Shipping Tests.

Sizes of Boxes.—How to Pack.—Eight Sizes.—Weights They Will Contain.—Material Used.—Care to be Taken on the Journey.—How to Store on Board Ship.—Damage Due to Exposure.—Advantages of Having Men at Seaboard.—Cost of Packing Meats.—Average Amount of Salt Used.—How Much Borax to Use.—When to Pack in Borax, and Why.—Allowances for Shrink—Cover Cost of Borax.—Weighing Dry-Salt Meats for Export.—How to Handle Borax Meats and Dry-Salt Meats.—What Methods are Used to Keep Dry-Salt Meats Dry.—Advantages of Tight Boxes.—Points for Export.—How to Ascertain Cost and Profit.—Many Other Points of Value.

Points for Shippers of Provisions to England.

Regulations Adopted by the London Provision Trade.—American and Canadian Bacon Landed.—Pork and Heads in Barrels and Cases.—Mess Pork in Barrels of 200 pounds.—Beef in Tierces of 300 pounds.—Allowances and Terms.—Lard.—Bladders.—American Tierces.—Other Packages.—Canned (tinned) Meats.—Rules and Regulations of London Chamber of Commerce.—General Rules for Exporters.—Terms.—Invoices.—Weights.—Agents.

Domestic Packing and Shipping.

How to Pack and Ship: Domestic Meats.—Sweet Pickled Meats.—Green Meats.—Pumping Hams pro and contra.—Lard.—Fresh Meats, Sausages.—Fertilizers.—TABLES OF NO. 1 BOX AVERAGES Export Meats. No. 2.—Tierce Averages at 300 lb. No. 3.—Table of Convertible Values for Provision Exports to Great Britain.

Curing.

Elimination of Animal Heat.—Demand for Mild Cured Meats.—Temperatures.—How to Handle a Ham Pump.—Strength of Pickle.—Spread the Meats.—How Long.—What Temperature.—SOME GOOD RECIPES FOR CURING.—How Much Salt-peter, etc., to Use.—Sugar Curing.—Different Formulas and Temperatures.—To Avoid "Ropey Pickle".—How to Get Rid of It.—Rolling.—Repling.—Time for Curing of Different Pieces of Different Weights.—When to Draw the Pickle.—Gain in Curing.—Handling of Tierces After Drawing Pickle.—How to Pile Tierces.—Look Out for Leaks.—CURE FOR TONGUES PACKED IN BARRELS AT 220 POUNDS.—Formula.—Another Formula.—Temperature.—Another Pickle.—A Fourth Formula.—Change of Pickle: When Necessary.—Tongues for Export.—Curing of Hocks and Feet.—The Required Pickle.—Another Method.—Temperature.—Vinegar Pickle.—CURE FOR BELLIES IN

TIERCES.—Formula.—Bellies in Tubs.—Another Formula (also good for California Hams, New York Shoulders, etc.).—First-class Cure for Light Bellies for Breakfast Bacon, No. 1.—How to Handle Meats Under this Formula.—Time Necessary for Curing.—Pickle Tests.—Pickle Tanks.—How Low Pickle May Be Drawn from Tanks.—Look Out for Rats.—Tierces.—What Weight of Different Cuts to Pack into Them.—Barrels.—Half-Barrels.—Kegs.—Gain of Weight in Pickle.—Loss of Strength in Pickle.—Do not Use Old, Weak Pickle.—Avoid Pickle-Soaked Meats.—How to Keep Brine "Alive".—Roll All Pickled Meats Well.—Maintaining of Temperature.—"Dry" Method of Curing Tierce Meats.—WESTPHALIA HAMS.—Formula and manner of making them fully explained.

American Dry Salt Meats.

Heavy Side Meats.—How to Handle.—How to Salt and Resalt.—Bulk-ing of Meats and Rebunking.—Backs.—Bellies.—Shoulders.—Bulk all Meats Close.—Time Necessary for Curing.—How to Figure and Determine Difference of Treatment Prior to Smoking.—Between Dry-Salted Meats and Sweet Pickled Meats.—Light, Clear Sides.—Extra Clear Sides; How to Put Up.—Advantages in Bulk-ing as Clear.—A Tour Through the Cellars of the Country.—What It Discloses.—A Saving to Packers.—Great Possibilities.—Meats for Export.—Handling.—Color.—Use of Saltpeter and Nitrate of Soda.—Difference Between the Use of Saltpeter and Salt.—Acquirement of Color.—How to Sprinkle Saltpeter on Meats.—How to Add Salt.—Use of the Pocket Stick.—Bulk-ing and Rebunking.—How to Place Export Meats in Cellar.—How to Ship Export Salt Meats in Winter.—How in Summer.—How to Handle Meats When Packed in Borax.—How to Obtain Color on Long-Cut Hams.—The Necessity of Tight Boxes and Close Packing.—Shipping of Backs and Bellies.

Smoke Department.

Various Theories in Reference to Best Method of Smoking Refuted.—Cold Smoking.—Quick Smoking.—What is Necessary in Order to Make Meats Which Will Stand Handling.—How to Fill the Smoke-House.—What Precautions to Take.—What Kind of Fire.—How Long.—Let Your House Cool Off.—What Wood to Use.—About the Use of Sawdust.—What to Use to Give the Meat Better Appearance, and to Prevent Flies from Touching It.—Washed Meats.—Temperature of Water.—What to Mix With It.—What the Stringer Has to Do.—Lagers in the British Islands.—Meat-Washing Machines.—Appetizing Meats in Bacon Shops in England.—To Make them Look So.—Room for Improvement in the Handling of Smoked Meats.—Improved Methods Compared to Former Years.—Smoking in Summer.—Do not Handle Meats Any More than Necessary.—Do not Pile Smoked Meats.—Why.—Several Good Points.—About Handling Before Canvassing.—The Use of Borax Before Papering.—Advantages of Parchment Paper Over Straw Paper.—Canvas and Yellow Wash.—How to Yellow Wash 2500 Hams.—What to Use.—Protection of Smoke-House and Canvassing Room, Ventilators, Doors and Windows.—PICKLE CURED MEATS.—How Long to Soak in Winter.—In Summer.—Fully Detailed.—DRY-SALT CURED MEATS.—How Long to Soak in Winter.—In Summer.—Fully Detailed.—Shorter Time with Running Water.—Putting Meats in Soak Vats.—How Full they are Ought to Be.—Advantages of Creating a Current.—Most Economical Arrangement for Soaking Meats.—Detailed and Explained.

Sausage Department.

Advantages of Such Department in a Packing House.—Cleanliness.—A Number of Sausage Recipes.—Fully Explained.—Pork Sausage.—Bologna.—Liver Sausage.—Head-cheese.—Tongue Sausage.—Summer

Sausage.—Beef Sausage.—German Bologna Sausage.—Ham, Chicken and Vogue Sausage.—Oxford Sausage.—Frankfort Sausage.—Roast wurst.

Tank Department.

Importance of this Department.—Description of Tanks and Capacity.—Size of Manholes.—Location of Same and Water Pipes and Lard Cocks.—How to Set Up a Tank.—To Avoid Loss of Life and Property.—Operation of Tanks.—How to Fill, and When.—What to Do When Tank Gets "Flushed".—Cooking.—How Long to Cook.—How Much Time to Settle.—The Use of Salt in Tank.—Drawing to Cooler.—Pumping Through Filter Press of Separator.—Necessity for Quicker Cooling.—Difference in Temperatures Between Lard Drawn to Tierces and Lard Drawn to Tins.—How to Facilitate the Draining of Tank Water.—Cleaning of Coolers.—Vats and Catch Basins.—Making of "Stick".—Pressing Refuse from Tank Water.—Saving Lard from Tank Water.—What to Do With Residue.—Tight and Open Jacket Kettles.—How to Operate Each of Them.—How Long to Cook, and Under Which Pressure.—The Use of the Heater and Agitator.—Neutral Lard.—How and Where it is Made.

PRIME STEAM LARD.—What It Should Be Made of, and How Rendered.—"Killing" and "Cutting" Lard.—How to Mix.—Wash Your Gut Lard.—Which Agent to Use in Bleaching and Purifying Rejected Lard.—In Which Proportion.—How to Recook Same.—Another Method.—Another Recipe.—Kettle-Rendered Leaf Lard.—Neutral Lard.—Kettle-Rendered Lard.—How to Make It.—Steaming Tests.—Yield of Lard Pressed for Oil.—Refined or Compound Lard.—What It is Composed Of.—Method of Manufacture.—White Grease.—Brown and Yellow Grease.—Pig's Feet.—Their Utilization as White Grease, if Not Used for Glue Stock.—Where the Grease Can Be Used.—THE MELTING POINT OF LARD.—An Interesting Article on the Subject.—The Melting Point no Indication of Purity.—Methods of Determining It.—Difference of Melting Points of the Different Parts of the Animal.—Difference in Prime Steam Lard and Jacket Kettle Lard.—Disadvantages of Trying to Get Too Much of a Yield.—To Avoid Dark Colored Lard.

Out and Casings Department.

Its Importance.—What is Paid by Dealers to Packers.—Variation of Prices.—Handling of No. 1 Guts.—Percentage of Good Guts.—Advantage of Handling Guts in the Packing House.—Handling of Hung Guts.—Salting.—Drying.—Packing.—Points of Interest.—CASINGS.—Soaking, Cleaning, Salting.—Quantity of Salt Allowed.—Yield per Hog.—Calculating Profits for Casings Department, 4 Months' Killing, 2 Examples.—Advantages to the Packer.

Fertilizer Department.

Dried Blood.—Concentrated Tankage or "Stick".—Percentage of Phosphate, Moisture and Ammonia.—Sample Analysis of Dried Blood, Concentrated Tankage.—No. 1 Ground Tankage.—Raw Bone Meal.—Ground Steam Bone.—Value of Dried Blood as a Fertilizer per Unit and per Ton.—Concentrated Tankage No. 2.—Ground Tankage.—How Manufactured, and What It Contains.—Raw Bone Meal.—Ground Steam Bone.

IN ADDITION to the above there are 7,000 NAMES of the following branches of the trade, wholesale trade, only:

Pork and Beef Packers.—Wholesale Butchers and Slaughterers.—Wholesale Dealers in Meats.—Wholesale Provision Dealers.—Lard Renderers and Refiners.—Oleomargarine and Butterine Manufacturers.—Tallow Renderers and Dealers.—Provision Brokers and Commission Merchants.—Cotton-Seed Oil Manufacturers and Refiners.—Sausage Manufacturers (Wholesale and Retail).—Fertilizer Manufacturers and Dealers.—Soap and Candle Makers.

Any intelligent reader will see that this book is an absolute necessity to every progressive packing-house, and that each chapter in the book (which is written by experts), is fully worth the price of same, viz: \$10. It should not be missed in any packing-house, slaughter-house, rendering plant, sausage factory, soap or fertilizer works, cotton oil mill, or any other establishment connected with or allied to the great meat and provision industries of the United States and Canada.—Send us your order.

THE NATIONAL PROVISIONER PUBLISHING CO.—Directory Department.

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ICE AND REFRIGERATION.

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

—The Henry Vogt Machine Company, of Louisville, Ky., has sold to J. E. & Frank Walter, of that city, one 8-ton ice making and refrigerating machine. The Vogt Company has also this week closed a contract with Wade Bros., Trenton, Tenn., for an 8-ton ice making machine complete, to be erected at Fulton, Ky.

—An ice machine of large capacity is being placed in the Interstate Oil Works of Augusta, Ga.

—Later in the year the Taylor Water Co., of Taylor, Texas, will put in a 25-ton ice machine.

—An ice plant will be established in Clarksburg, W. Va., by A. A. Handley, of Huntington, W. Va., and E. W. Staunton, of Charleston, W. Va.

—The Independence Ice Co., Cleveland, Ohio, has purchased a lot 135 by 175 feet whereon to erect a large brick building for artificial ice making. The plant will be able to turn out over 70 tons per day, about one-third the total output of the city.

—The Glacier Ice Co., of Shelbyville, Ky., has leased its plant for one year, with a privilege of five, to Mr. Chas. Kochenrath. New machinery will be put in and the capacity of the works increased.

—The Marietta Ice Co., Marietta, Ohio, decided to enlarge their present extensive plant. It will be thoroughly up-to-date and equipped with the latest and most improved machinery.

—The Independent Ice Co., Cleveland, Ohio, are preparing plans for the erection of

one of the largest plants in the country. The new building will be 175 by 135 feet.

—Plans were filed with Building Commissioner Daniel Ryan, of Brooklyn, for a big cold storage plant at the Wallabout Market. The building will be located on Hall street, near Flushing avenue, which is but two blocks away from the market proper. It will be built on a plot of ground 100 by 90 feet, and will be 84 feet in height. There will be seven stories, and the entire cost will be \$45,000.

—The ice and cold storage company in Centralia, Ill., is running on a contract for 300 tons of ice to be delivered to the Illinois Central ice houses.

—The Weber Building Co., of 427 East Sixty-first street, have been awarded the general contract for the alterations to the four-story cold storage house on the east side of Third avenue, 25 feet north of Ninety-first street, for Jacob Ruppert.

—A fire of mysterious origin occurred in the building occupied by the Citizens' Ice & Cold Storage Co. and the Atlantic City Flour & Feed Co., in Atlantic City, N. J., on Jan. 14. The loss amounts to about \$20,000, covered by insurance.

—Messrs. K. B. Armour, R. M. Goodlet and S. S. Jerome, of Kansas City, were in Houston, Texas, last week, in order to inspect its advantages as a distributing point for the State of Texas. They intend to build a cold storage plant there.

—Harrison Street Cold Storage Co., of New York City, has been incorporated with a capital stock of \$50,000; directors, Charles H. Bogel and Charles E. Mayorga, of Brooklyn; Julius Strassman, of New York City.

—Capt. H. Gillette, H. C. Losee, N. Robinson, H. Bearne and J. R. Skinner will erect at Patchogue, L. I., an ice factory and cold storage house, to make 15 tons of ice daily. The capital stock of the company will be \$15,000.

—A cold storage, ice and power plant will soon be constructed in San Angelo, Texas. Stock to the amount of \$25,000 has been subscribed. Engineer McGarry is looking after the erection of the buildings. Engineer Puemels, of a St. Louis refrigerating company, will assist in selecting a location and erecting the building.



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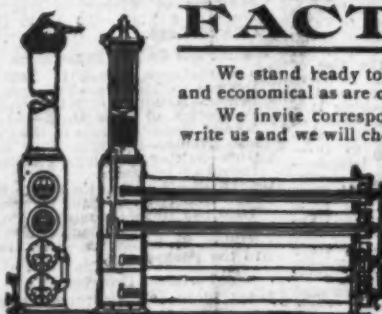
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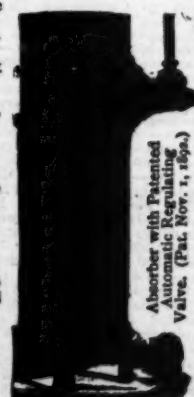
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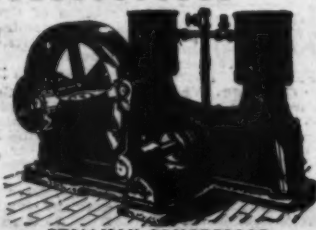
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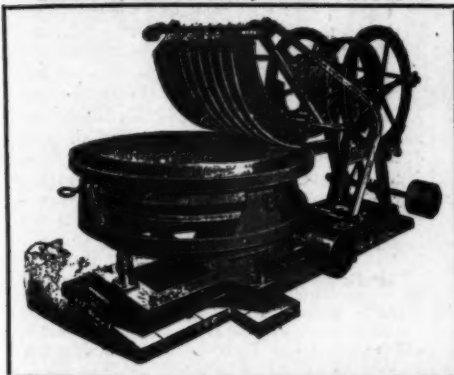
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Theodore Berg, Chicago.....2 No. 9
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PACKING HOUSE MATTERS.

(Continued from page 32.)

ing a total of 150,000, against 173,000 the previous week, 186,500 a year ago and 125,700 two years ago.

* Swift and Company will furnish the government 75,000 lb of bacon for the use of its Klondike relief expedition, as a result of being the lowest bidder for the contract.

* Fire broke out in a two-story brick smoke house belonging to the Doid Packing Co., Kansas City, last week. At the time of the fire both the lower and upper floors were heavily stocked with hams and bacon, which were undergoing the process of curing. The loss on the building is estimated at \$700, which is covered by insurance. The loss on the contents will not exceed \$50.

* A number of prominent business men met at H. B. Drury's office, in St. Joseph, Mo., and talked over plans for getting some of the big packers to locate in Atchison. John Seaton, A. J. Harwt and F. M. Baker were appointed a committee to interview the Armours and Mr. Cudahy, and if possible get them to start packinghouses there.

* The John E. Hale Live Stock Commission Co., Kansas City, was recently merged with Campbell, Hunt & Adams. Mr. Hale is to be assistant office man of the latter firm and S. D. Hale bookkeeper.

* There was a good attendance at the sale of Cape of Good Hope and Natal sheepskins held in Mincing Lane, London, England. The offerings numbered 96,140 skins, of which 89,360 were withdrawn. The small supply caused a strong demand and prices were higher. Extra and long woolled skins were $\frac{1}{4}$ ¢ higher; short woolled $\frac{1}{4}$ ¢ and shorn $\frac{1}{4}$ ¢ up. Lambs were unchanged. Inferior, coarse woolled sold slowly, but good qualities brought full rates. The next sale of sheepskins will be held March 3.

* Armour & Co. have bought two lots at Stapleton, Staten Island, near the Rapid Transit station. It is understood that they intend to erect cold storage warehouses.

TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

**CORRESPONDENTS, SUBSCRIBERS AND OTHERS
SENDING ITEMS FOR THIS COLUMN SHOULD
MAIL THEM SO AS TO REACH THE
EDITOR NOT LATER THAN THURSDAY EVENING.**

Tallow-renderers, soap makers, glue manufacturers, fertilizer manufacturers, and cotton oil manufacturers should do well to make known their wants in this column, which would result in their being placed in immediate correspondence with the leading firms interested in these lines who carefully peruse these notes.

Tallow is imported into Constantinople chiefly from Tagoarog and Samara, and is known as "conyrouk." From the former port the annual import is 2,000 bbls., weighing 946,000 kilos.; from the latter, 900 bbls., weighing 425,000 kilos. It is very largely used by the Mussulmen for cooking purposes, often by itself, sometimes mixed with butter. It is chiefly mutton tallow that is known as couyrouk, beef tallow passing under the name of "tchervich." Coconut oil is imported in small quantities into Constantinople from Marseilles. It is not used alone, but is mixed with other fats, and used for cooking purposes.

The Detroit Soap Co., it is reported, will become producers of caustic soda and glycerine, and to that end have had plans drawn for a four-story brick addition to its factory in Detroit. The new building will be 60 by 80 feet, fireproof, and the construction work on same will begin in a few days.

The Carver & Landis glue factory near Chambersburg, Pa., has been abandoned and will be dismantled. The firm will increase their operations at Lebanon, Pa., where they have extensive works.

"Honey soap" is a misnomer, as honey does not enter into its composition. It is a mixture of palm oil soap and olive soap, each one part, with three parts of curd or yellow soap, scented.

San Diego, Cal., has a soap factory which turns out a toilet soap made largely from cull lemons.

Gov. Black, of New York, last month or-

dered the abatement by April 1 of the alleged existing nuisances on Barren Island caused by the operation of certain fat, bone and garbage rendering establishments. The concerns against which the Governor's order is directed are: E. Frank Coe Company, engaged in the manufacture of commercial fertilizer; the Barren Island Fertilizer and Oil Works, engaged in the manufacture of fish oil and fish scrap; the New York Sanitary Utilization Company, engaged in reducing the garbage of New York City and Brooklyn; E. J. McKeever & Brother, engaged in rendering dead animals collected principally from the city of Brooklyn, and P. White & Sons, engaged in rendering dead animals collected chiefly in the city of New York. The Governor directs their abatement by April 1 next.

The Railroad Commission repealed the 20 per cent. reduction on cottonseed over all the roads in Mississippi.

A new cottonseed oil mill of 80-ton capacity will be erected at Torreon, Coahuila, Mexico, by the Buckeye Iron & Brass Works, Dayton, Ohio.

Estes & Pearce have leased a large building in Goshen, Ind., and will engage in the manufacture of Almodine soap on a large scale.

A man who thoroughly understands the manufacture of bone glue is wanted. See "Help Wanted" page, page 45.

C. C. & L. L. Torbet will build a cottonseed oil mill at Lafayette, Tenn., with a daily capacity of 15 tons of seed.

The Los Angeles (Cal.) Soap Co. has been incorporated with a capital of \$150,000, fully subscribed. Directors: John A. Forthmann, John J. Bergin, Horace E. Forthmann, Gideon L. Sage, and Isidore B. Dockweiler.

The Bradley Fertilizer Works, Los Angeles, Cal., are largely increasing their plant. The firm of C. Obst, Odell & Co., soap makers, of Adams, Mass., is to locate in Cheshire, Mass. The firm is to have a complete and first-class plant of soap-making machinery and will make a specialty of laundry soap. Toilet and other kinds of fancy soap will also be manufactured. Mr. Odell, one of the members of the firm, and a practical and experienced soap maker will have charge of the business.

J. W. Fry is president, T. C. Meadows secretary and Lee Ashcraft is general manager of the Tennessee Fertilizer Co., of Florence, Ala., which has been in operation for some months as an experiment. The capital stock is \$20,000.

B. HELLER & CO. CHEMISTS.



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586 to 596 Howard Street,
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BEEF and PORK PRODUCT

OF ALL KINDS.

"HONEY DEW" LARD

GUARANTEED STRICTLY PURE.

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PROVISIONS, CANNED GOODS AND BEEF EXTRACT.

SHIPPERS OF CHOICE

Dressed Beef, Hogs, Sheep, Calves, Beef and Pork Cuts, and all
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ALSO MANUFACTURERS OF BUTTERINE.

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" " " " Ft. Greene Place, Brooklyn.
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" " " " Fall River, " "
" " " " Pittsburg, Pa.
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Nashua Beef Co., " Nashua, "
Lee & Hoyt, " New Haven, Conn.
McElroy Bros., " Bridgeport, "
Omaha Beef Co., " Danbury, "
Waterbury Beef Co., " Waterbury, "
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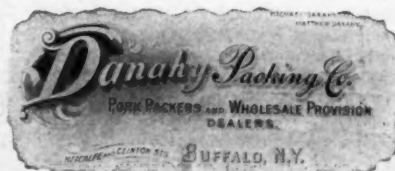
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ROYAL LILY COMPOUND.

Agents in most of the principal cities in the United States. Correspondence solicited.

ANGLO-AMERICAN PROVISION CO.



KANSAS CITY LIVE STOCK REVIEW.

(Continued from page 31.)

market all around, the sales were what may be called, towards the end of the week, very satisfactory. The packers at the commencement of the week tried hard to knock a dime off the price of cattle fit for canning, but towards the latter end of the week they were glad to take any offerings of this class at full market prices. The stockers and feeders were not in any large supply, and anything of a fair character sold readily; thin, handy-weight cattle were much sought after, and as high as \$4.65 was paid during the week for them. The State Board of Agriculture of Kansas met a few days ago, and their proceedings are always interesting; they have always some surprise in store for the public, and they claim that the milch cows of Kansas in the past year produced milk, butter and cheese to the valuation of \$5,259,753. In the past ten years they claim that from these three articles alone the money returned to the State of Kansas was not less than \$48,000,000, so who will say that cow raising in the far West is not productive? During the past week the exporters shipped 134 cars, against 39 cars for the previous week, against 197 cars for corresponding week one year ago. The outside purchasers of cattle were: Schwarzschild 1,229 head, Swift 351, Hammond 331, Kraus 257, Kauffman & S. 131, Balling 145, Ackerman 390 and Cudahy, for Omaha, 1,022 head. During the past week the stockers and feeders returned to the country 287 cars, against 264 cars for previous week, against 385 cars for corresponding week one year ago.

HOGS.—The hog market decidedly kept up remarkably well in values. The receipts on Monday were quite large, but the packers kept very fair prices; in fact, on Thursday they paid most remarkably good prices. Tops started out Monday at \$3.60, and weakened a little on Tuesday, so that only one lot was sold at \$3.60, which was the nominal quotation; on Wednesday a better feeling and a good many were sold at the top price of \$3.60; then a scarcity, and the packers all went to purchasing until the top price went at the pretty figure of \$3.67½; next day, however, they seemed to regret this, and put the tops to \$3.62½, and closing the few that were saleable on Saturday at the same price. On Monday the bulk started out at \$3.35@ \$3.52½, and was rather weaker on Tuesday at \$3.35@ \$3.50, but on Wednesday they advanced stiffly at \$3.45@ \$3.55; on Thursday \$3.47½@ \$3.60, and on Friday and Saturday held their own firmly at \$3.45@ \$3.60. The common stock and the very light and coarse were held at a valuation of about \$3.30 for the week. Pigs were mostly active and ranged during the week from \$3.25@ \$3.30, closing at \$3.30@ \$3.40. The packers still complain that their hogs are costing them too much; but it shows they are mighty hungry for them when there is such a slight difference between the Chicago and Kansas City prices. As yet there is no talk on the farmers' part that the supply is about exhausted; there is every indication that we will yet have large runs. During past week only 2,117 head of hogs sold to outsiders—they going to Omaha alone. Out of the hogs received in Kansas City this year—some 191,000, only 5,929 purchased by outsiders.

SHEEP.—During the early part of the week the market on sheep seemed to be softening a little, but towards the latter end the short supply held the market to a firm basis. The highest price, comparatively, paid during the week, was for a bunch of 678 Colorado alfalfa-fed lambs averaging 90 lb, at a valuation of \$5.67½. Some 250 lambs from Idaho of 74-lb average sold at \$5.35. A bunch of 480 Texas fed lambs of 60-lb average sold

at \$5; 492 fed New Mexico shearlings and yearlings of 83-lb average sold at \$4.35. Some 622 Utah wethers of 105-lb average sold at \$4.30; 111 Utah lambs of 62-lb average sold at \$4.85, and in three lots some 2,256 Utahs of 106-lb average sold at \$4.30. Some 374 fed Texas of 93-lb average sold at \$3.75. A bunch of 680 Utah of 110-lb average sold at \$3.80. Quite a number of sheep that arrived went directly to the slaughter houses of Swift and Armour; they coming from their various feeding stations in the West.

The Kansas City Stockyards Company are again aiming for improvements on a large scale. They have come to the conclusion that their horse and mule department is not a paying institution; they are therefore going to abandon such sales, and their already very extensive buildings that have been formerly occupied by the horses and mules—and they were considered to be the largest buildings of this kind in the country—are to be changed to as to give increased facilities for the handling of sheep and hogs, and, also, it is whispered, to evade the Kansas law, and so as to be in a position to collect the high fees, which are still prevalent under the Missouri laws. Some ten acres lying south of the stockyards, at present unoccupied, are also to be taken in and fitted up in first-class shape. Already they are demolishing quite a number of business houses that the tenants were forced to vacate so as to carry out the new improvements at the stockyards.

COLORING MEAT.

For coloring the meat red of Bologna, Frankforts and Pork Sausage, and to preserve it, there is nothing that will equal Rudolph Gebhard's Rosaline Konservierungs-Salze.***

INVENTIVE GENIUS.

Patents, Trade-Marks, Etc., Granted in Washington on January 18.

597,308.—REFRIGERATOR: Josiah D. Colony, Philadelphia, Pa. App. filed Aug. 21, 1896. In a refrigerator, an ice box provided with a horizontal portion a hinged baffle-plate located below said horizontal portion and at a distance therefrom to form a cold air flue, and said flue being in communication with a space above the horizontal portion, and also in communication with the provision chamber below the baffle-plate whereby cold air may circulate in the space so formed.

597,401. PROCESS OF MORDANTING WOOL; Carl Dreber, Nieder Ingleheim, Germany, assignor to C. H. Boehringer Sohn, same place. App. filed Sept. 1, 1896. A process of mordanting wool and other animal fibers which consists in treating the same with compounds of chromium and freeing the acids of chromium by sulphuric acid, and reducing the said acids to oxide of chromium by lactic acid.

597,532. REFRIGERATING APPARATUS: William F. Singer, New York. App. filed April 5, 1897. In a refrigerating apparatus, the combination with the gas pumps, the rotor of an electromagnet motor geared thereto, an hermetically sealed casing inclosing the same and the gas return pipe from the expansion coil leading into the casing, of a field magnet or stator exterior to the portion of the casing which encloses the rotor.

597,630. CATTLE PUMP: Clarence V. Eggleston, Edmond, Oklahoma. App. filed Feb. 3, 1897. In means for watering stock, the combination of a power actuated by the weight of an animal; a locking movement for normally securing the power against movement, and release mechanism actuated by direct impact with the animal when in the act of drinking to liberate the locking mechanism and permit the power to operate.

TRADE-MARKS.

31,146. HOG AND BEEF PRODUCTS, SUCH AS HAMS, BACON, SHOULDERS, LARD, SMOKED BEEF, DRIED BEEF, AND TONGUES: J. H. Michener & Co., Philadelphia, Pa. Filed Dec. 6, 1897. Essential feature.—The symbol of a star in connection with the word "Excelsior." Used since December, 1894.



phia, Pa. Filed Dec. 6, 1897. Essential feature.—The symbol of a star in connection with the word "Excelsior." Used since December, 1894.

—Within the course of eight months Armour & Co., of Chicago, will have a cold storage house in Superior, Wis. For some time negotiations have been carried on with the company with this end in view, and the deal is now practically assured. In plan and appointments the building will be very similar to the Sutphin storage house. Its location will be on the property of the Hammond estate in close neighborhood to the Sutphin packing-house.

TINNOL, a Paste that Sticks.

NO PEELING OFF. NO RUST SPOTS ON TIN. NO DISCOLORING OF LABELS.

Write for Sample and Prices to

THE ARABOL MANUFACTURING CO., 11 Gold Street, New York.

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DIXON'S PERFECT LUBRICATING GRAPHITE.

The most Marvelous Lubricant Known.

Used Dry, or Mixed with Water, Oil or Grease.

NOT AFFECTED BY HEAT, COLD, STEAM OR ACIDS.

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AND A FULL LINE OF

SWIFT'S FINE PROVISIONS

Can be had at our branch houses in
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G. F. & E. C. Swift, 105 Barclay st.
Gansevoort Beef Co., 22 and 24 10th ave.
Washington Market Sheep Co., W. Washington Market.
Swift Provision Co., Cor. 13th st. and 10th ave.
G. F. Swift & Co., Manhattan Market (W. 35th st.).
Swift Sheep & Prov'n Co., 11th ave., 34th and 35th sts.

North River Beef Co., Foot W. 38th st.
Riverside Beef Co., 130th st. and 12th ave.
Swift Bros., Morrisania, 769 and 771 Westchester ave.
Harlem Beef Co., Foot East 127th st.
Murray Hill Beef Co., Foot East 51st st.
Centre Market Beef Co., Cor. Centre and Grand sts.

BROOKLYN.

Swift Brothers, 182 and 184 Fort Greene place.
Fort Greene Sheep Co., 172 Fort Greene place.

Williamsburgh Beef Co., 100 and 102 N. 6th st.
Brooklyn Beef Co., 74 and 76 Atlantic ave.,
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Highest Award, Diploma and Medal, at World's Fair, for Pure Lard, Hams, Bacon, Bbl. Pork, Neutral Lard, Sausages.

PURE LEAF LARD, 3, 5, 10-LB. PAUL TUBS,
TIERCES.

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PACKING HOUSE, - SOMERVILLE, MASS.

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POULTRY
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BUTCHERS, PACKERS AND EXPORTERS,

FULTON MARKET.

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G. & D. ISAACS,

Abattoir and Salesroom:
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Hudson Ave.,
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WHOLESALE
BUTCHERS

MANUFACTURERS OF

DUESSETT BRAND EXTRA OLEO OIL, Stearine, etc.

John P. Squire & Sons'

HAMS AND BACON
ARE THE FINEST IN THE WORLD

Telephone
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Their process of preparing and curing gives that delicate flavor and beautiful color
for which they are noted, and adapts them to any climate or season of the year.

OUR KETTLE RENDERED LEAF LARD CANNOT BE EXCELLED.

... 20 Harrison Street, New York.

HALSTEAD & CO.,

Packers and Provision Dealers.

200 FORTYTH ST., NEW YORK.

Registered Cable Address "Roomfull," New York

See Coupon on Page 26.

PLANKINTON
PACKING CO.,

PORK AND BEEF PACKERS
AND PROVISION DEALERS.
MILWAUKEE, WIS.

CHICAGO PROVISION MARKET.

Saturday, Jan. 15.—The liberal selling of provisions on Friday was felt by the trade today. Pork lost 5c; lard and ribs $2\frac{1}{2}$ @5c. The shipments of product for the week made a small total, only 12,000,000 lb meats, against 22,000,000 the week previous; only 4,800,000 lb lard, against over 14,000,000 lb. Packers led the selling.

Monday, Jan. 17.—Prices of provisions just about maintained themselves. Pork closed 5c. over Saturday; ribs, $2\frac{1}{2}$ c. over; lard, $2\frac{1}{2}$ c. under. Receipts of hogs, 40,000, with 62,000 at the seven Western points. Local shipments were not heavy, only 504,000 lb lard and 1,900,000 lb meats for the last two days.

Tuesday, Jan. 18.—A good speculative trade was done in provisions at moderately higher prices. The largest business was in ribs, which at the close were $5\frac{1}{2}$ @7 $\frac{1}{2}$ c. higher than yesterday. The gain in pork was $7\frac{1}{2}$ @10c., and in lard $2\frac{1}{2}$ c. Local shipments showed quite an improvement, 3,800,000 lb meats and 1,300,000 lard for the twenty-four hours.

Wednesday, Jan. 19.—Provisions were strong under heavy buying orders. May pork opened at \$9.47 $\frac{1}{2}$ @\$9.50, rose to \$9.60 and closed at \$9.50 bid, an advance of $5\frac{1}{2}$ @7 $\frac{1}{2}$ c. over yesterday's close. Lard and ribs ruled as strong as pork for a considerable time, but in the end became weak. Ribs closed at yesterday's closing price, and lard $2\frac{1}{2}$ c. lower. Shipments for the day were about 150 cars of lard and meats.

RANGE OF PRICES.

SATURDAY, JANUARY 15.

PORK—(Per Barrel)—				
	Open.	High.	Low.	Close.
January.....	9.30	9.30	9.22 $\frac{1}{2}$	9.25
May.....	9.42 $\frac{1}{2}$	9.42 $\frac{1}{2}$	9.32 $\frac{1}{2}$	9.40
LARD—(Per 100 lb)—				
January.....	4.65	4.67 $\frac{1}{2}$	4.65	4.67 $\frac{1}{2}$
May.....	4.77 $\frac{1}{2}$	4.77 $\frac{1}{2}$	4.75	4.77 $\frac{1}{2}$
July.....	4.85	4.85	4.82 $\frac{1}{2}$	4.85
RIBS—(Boxed 25c. more than loose)—				
January.....				4.60
May.....	4.72 $\frac{1}{2}$	4.75	4.67 $\frac{1}{2}$	4.70

MONDAY, JANUARY 17.

PORK—(Per Barrel)—				
January.....	9.20			9.25
May.....	9.32 $\frac{1}{2}$	9.45	9.30	9.40
LARD—(Per 100 lb)—				
January.....				4.62 $\frac{1}{2}$
May.....	4.72 $\frac{1}{2}$	4.75	4.72 $\frac{1}{2}$	4.75
July.....	4.82 $\frac{1}{2}$	4.85	4.80	4.82 $\frac{1}{2}$
RIBS—(Boxed 25c. more than loose)—				
January.....				4.57 $\frac{1}{2}$
May.....	4.67 $\frac{1}{2}$	4.72 $\frac{1}{2}$	4.67 $\frac{1}{2}$	4.70

TUESDAY, JANUARY 18.

PORK—(Per Barrel)—				
January.....	9.20	9.20	9.20	9.20
May.....	9.42 $\frac{1}{2}$	9.42 $\frac{1}{2}$	9.32 $\frac{1}{2}$	9.35
LARD—(Per 100 lb)—				
January.....	4.65	4.65	4.62 $\frac{1}{2}$	4.65
May.....	4.77 $\frac{1}{2}$	4.80	4.72 $\frac{1}{2}$	4.75
July.....	4.85	4.85	4.82 $\frac{1}{2}$	4.85
RIBS—(Boxed 25c. more than loose)—				
January.....				4.55
May.....	4.70	4.72 $\frac{1}{2}$	4.65	4.67 $\frac{1}{2}$

WEDNESDAY, JANUARY 19.

PORK—(Per Barrel)—				
January.....	9.45	9.45	9.40	9.40
May.....	9.47 $\frac{1}{2}$	9.60	9.45	9.50
LARD—(Per 100 lb)—				
January.....	4.65	4.65	4.62 $\frac{1}{2}$	4.62 $\frac{1}{2}$
May.....	4.75	4.80	4.72 $\frac{1}{2}$	4.72 $\frac{1}{2}$
July.....	4.85	4.87 $\frac{1}{2}$	4.82 $\frac{1}{2}$	4.82 $\frac{1}{2}$
RIBS—(Boxed 25c. more than loose)—				
January.....				4.65
May.....	4.75	4.80	4.75	4.75

THURSDAY, JANUARY 20.

PORK—(Per Barrel)—				
January.....	9.50	9.57 $\frac{1}{2}$	9.50	9.57 $\frac{1}{2}$
May.....	9.52 $\frac{1}{2}$	9.70	9.50	9.70
LARD—(Per 100 lb)—				
January.....				4.67 $\frac{1}{2}$
May.....	4.72 $\frac{1}{2}$	4.80	4.72 $\frac{1}{2}$	4.77 $\frac{1}{2}$
RIBS—(Boxed 25c. more than loose)—				
January.....				4.72 $\frac{1}{2}$
May.....	4.72 $\frac{1}{2}$	4.82 $\frac{1}{2}$	4.72 $\frac{1}{2}$	4.82 $\frac{1}{2}$

FRIDAY, JANUARY 21.

PORK—(Per Barrel)—				
January.....				9.65
May.....	9.72 $\frac{1}{2}$	9.87 $\frac{1}{2}$	9.72 $\frac{1}{2}$	9.77 $\frac{1}{2}$
LARD—(Per 100 lb)—				
January.....	4.72 $\frac{1}{2}$	4.72 $\frac{1}{2}$	4.70	4.70
May.....	4.82 $\frac{1}{2}$	4.85	4.80	4.80
RIBS—(Boxed 25c. more than loose)—				
January.....				4.70
May.....	4.82 $\frac{1}{2}$	4.87 $\frac{1}{2}$	4.80	4.80

TIPS ON THE MARKET.

Mr. N. J. Weil, of W. E. Webbe & Co., says of provisions: The market has developed considerable strength the past week on heavy purchases by packers. The receipts of hogs have been light and the quality poor. There has been quite a good cash trade in old mess pork for prompt and future deliveries. S. P. hams are firm and $\frac{1}{4}$ @ $\frac{1}{2}$ c. higher; 16-lb average, cured, 7c.; 18-20, 6 $\frac{1}{2}$ c.; skinned, 18-20, 6 $\frac{1}{2}$ @7c. Green hams are also stronger; $\frac{1}{4}$ c. higher. There is quite a good demand for light S. P. picnics and prices are well maintained. D. S. meats are called for fairly well and are considered good for this time of the year. He advises purchases on all soft spots and looks for very much higher prices this year in all lines of provisions. The scarcity of cheap barreled beef will make the consumption of old mess pork around present prices very much larger than with past few years, and the trade should bear this in mind.

CHICAGO NOTES.

Hog packing at Chicago since Nov. 1 shows an increase of 304,000 head over last season, the total to date being 1,782,000 head, against 1,478,000 in 1896-97.

There were 5,539 carloads of live stock received in Chicago last week, against 5,801 the week before, 6,370 a year ago, and 6,060 two years ago.

The average weight of the 176,280 hogs received at the Union Stockyards last week was only 233 lb. This is the lightest weekly average since last April. The average has steadily decreased since the last week in November, 1897, when it was 259 lb. The average weight a year ago was 252 lb, and two years ago 236 lb.

The Live Stock Commission of the State of Illinois reports the following result of the cattle inspection at the Union Stockyards, Chicago, during the last week: Inspected, 138; passed in yards, 98; held for post-mortem examination, 8; condemned as unfit for food and ordered tanked, 12. One case of cancer and four of tuberculosis were found during the week, and ordered slaughtered.

The indiscriminate marketing of light hogs and pigs which has been going on lately means a corresponding shortage in March and April. January receipts of hogs will probably run about 800,000, and 4c. hogs by the first of next month seems more than likely.

The number of stock cattle and feeders handled at Omaha in 1897 was something remarkable. Nebraska raised a bigger crop of corn than any State in the Union—254,127,000 bushels—and her sister State of Iowa was a close second with 199,363,000 bushels. Naturally this caused a big demand for feeding stock at Omaha. The year's shipments of feeder cattle from the market were 372,176, as compared with 199,664 in 1896 and 172,512 in 1895. Of the above number close to 140,000 head were sent out during September and October.

Mr. John J. Gantzer, for sixteen years manager of the Continental department of the Anglo-American Provision Co., died on Saturday last of paralysis. He was buried on Tuesday. Mr. Gantzer was born in Alsace-Lorraine in 1854. He lived in New York for some years before coming to Chicago. He leaves a widow and seven children.

Mr. "Jack" Atkinson is now occupying the chair vacated by Mr. Hugh Shields, at the Chicago packing house of Sir Thomas J. Lip-ton. Mr. Atkinson is one of the most popular packinghouse men in the country.

NEW HANGERS IN SWIFT AND COMPANY'S.

The Duncan system of tracks, switches and trucks is one of the finest in the world. One cannot fully appreciate the fact until he sees them at work. The new hangers put in at Swift and Company's, Thirteenth street and Eleventh avenue, New York, are the finest, perhaps, that this city has seen for a time. They are a credit to J. Duncan & Co., of Boston, Mass. Swift and Company are never niggards at meat apparatus. Those who inspected these superb hangers are pleased beyond measure with them. There is a very wide field for the Duncan hangers. They improve the business when they hang, and they attest the just reputation of their makers.

NEW YORK CITY AND VICINITY.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

** The annual election of directors and officers of the United Dressed Beef Co. took place at the office of the company, Forty-third street and First avenue, Monday, the 17th inst. The entire board of directors was re-elected, the name of Mr. Henry Edelmuth being substituted for that of his father, who died some time ago. The officers of the United Dressed Beef Co. comprises the following well-known gentlemen: Isaac Blumenthal, president; George Strauss, vice-president; Lewis Samuels, treasurer, and Lewis A. London, secretary.

** Two prominent members of the trade, Mr. Max Riegelmann, of the firm of Joseph Haberman, and Mr. Moses Sanders, president of the New York Veal and Mutton Co., were afflicted this week by the sad news of the death of their respective mothers.

** Invitations are out for the wedding of Mr. Hugo A. Wollenstein, of the United Dressed Beef Co., to Miss Hattie E. Lambert, which takes place on Wednesday, Jan. 26, at 12 o'clock, at the Tuxedo. Rev. Dr. Stephen S. Wise will unite the couple. A luncheon will be served, after which the bridal couple will go on a wedding tour.

** A daring hold-up took place near St. Ronald's Well, near Flushing, early Tuesday morning, in which James Scanlon, a driver for Charles Stawk, a Brooklyn butcher, was robbed of meat worth \$200. About 3 o'clock, as Scanlon was passing over the causeway, three men appeared before him. One of them held the horses, one of them guarded him with a revolver and the third transferred the meat from Scanlon's wagon into the one which the robbers had in readiness. After securing their plunder the men escaped.

** The regular ticket of the Wallabout Market Merchants' Association was elected this week without opposition. It is composed as follows: Wm. Seaton, president; Geo. Dressler, vice-president; A. M. Droste, secretary; C. Fitter, treasurer. E. S. Berrian, T. H. Townsend, Z. Brush, Geo. Dressler, John Adler, J. H. Hoeft, J. H. Lins, Geo. W. Thurling, E. F. M. Wendelstadt and Geo. W. Tritt compose the executive committee.

** The oleo stock of the New York Retail Butchers' Fat Melting Association, Daisy brand, sold at $2\frac{1}{2}$ florins in Rotterdam last week, which is equal to about \$4.09 in New York. The stock of the same grade of the Eastmans Company, Schwarzschild & Sulzberger Company, United Dressed Beef Company and G. & D. Isaacs, Brooklyn, is selling at about 28 $\frac{1}{2}$ florins, which is equal to about \$4.50.

** The annual ball of the employees of the Eastmans Company took place at Wendel's Assembly Rooms on Wednesday evening, Jan. 19, and was largely attended.

** The grand annual ball of the Protzman & Seaton Mutual Aid Society will be held at Arion Hall, Brooklyn, on Friday evening, Jan. 28. Tickets admitting lady and gentleman are 50 cents. Music will be furnished by Prof. A. Ferguson. The committee of arrangements are Wm. Neumann, G. Woolf, C. Herrshaft, Max Keller, Adam Hug and Wm. E. Rutz. The officials are Wm. Rutz, president; C. Herrshaft, vice-president; Wm. Neumann, treasurer; Wm. Protzman, secretary, and Peter Becker, sergeant-at-arms.

** We note with pleasure that our old friend, Charley Butterfoss, has again opened a stall at 204 Wallabout Market, Brooklyn. Very few butchers have passed through so many vicissitudes and yet have such a good record. Misfortune never comes singly, but we hope all his losses are at an end, and his gains to have a start. He has learned to say "No" to those who would ask credit. A dear-bought lesson, well learned, is sure to be a wise one. We wish him every success.

** The Board of Health Meat Inspectors, during the week condemned 29 calves (1,400 lb), 250 lb veal, 2,100 lb beef, 1,140 lb sheep, 150 lb hogs, 30 barrels poultry (6,000 lb), and 4,000 lb assorted beef.

** Mr. John Duncan, of Boston, was in town last week.

** Mr. Adolph Strauss, we are glad to report, has recovered from his illness.

Horse Casings Wanted

SEND OFFERS TO
KACHELMACHER & BÖHMER,
174 Chambers St., New York.

BERTH LEVI & CO.,

82 PEARL STREET, NEW YORK.

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HOG AND BEEF CASINGS.

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BEST GERMAN POTATO FLOUR.**FOOD PRESERVATIVE (DRY ANTISEPTIC.)**

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MANUFACTURERS AND CLEANERS OF PRIME QUALITY

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Established throughout Great Britain and Germany.

ONE QUALITY ONLY.**Sheep Casings,
Cattle Cuts,
Hog Casings.****"THE BEST."****SPICES****PLAUT & STRETCH,**
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Supplies for the Packing, Provision and
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QUOTATIONS AND SAMPLES SENT TO ANY ADDRESS**N. WOLFSKEHL & CO., SAUSAGE
CASINGS.**

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TWIN-SCREW EXPRESS SERVICE.New York-Plymouth (London)-Cherbourg, (Paris)-Hamburg
Holding the record for fastest time on this route.

Fürst Bischof, Feb. 26, 9 a.m. | Normannia, Mar. 24, 9 a.m.

Twin-Screw Mail Service between NEW YORK and HAMBURG direct.

Pennsylvania, Jan. 22, 4 p.m. | *Alesia, Feb. 5, 3 p.m.

Phoenicia, Jan. 29, 11 a.m. | Palatia, April 2, 1.30 p.m.

The Pennsylvania is the largest carrier afloat.

Steamers marked thus (*) take no Cabin Passengers.

BALTIC LINE TO CHRISTIANA, COPENHAGEN and STETTIN.

Georgia, Feb. 12, 2 p.m.

Winter Cruise to Madeira, the Mediterranean and the Orient, from New York by steamship Auguste Victoria, January 27, 1898. For further particulars, illustrated pamphlet, rates, etc., apply to

Hamburg-American Line.

37 Broadway, New York, 159 Randolph St., Chicago.

A. ZIMMER, Sheep Buyer. JOHN ENOCH, Cattle Buyer.
C. W. ZIMMER, Hog Buyer.**ZIMMER BROS.,****COMMISSION MERCHANTS****FOR THE PURCHASE OF CATTLE,
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We do a strictly Purchasing Business, we will not handle any sale stock under any consideration, consequently we have but one interest in the market, THAT is to keep prices as low as possible.

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SAUSAGE CASINGS AND DIRECT IMPORTERS OF
English Sheep Casings.

Best Sausage Casings of Every Description.

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MANUFACTURERS OF

FIRE AND BURGLAR PROOF**Safes, Bank Vaults, Etc.**

NEW YORK OFFICE:

H. W. BEADLE,
Agent.

79 DUANE ST.

Incorporated.—Allen, Sherman & Co., of Brooklyn, to manufacture soap; capital stock, \$8,000; directors, Morris S. Allen, George E. Sherman and C. F. Bliss, Brooklyn.

Incorporated.—The Home Soap Company, of New York; capital, \$25,000; directors, Robert E. Vandervier, East Orange, N. J.; John Mayer, New York City; Ernest Matheis, Brooklyn.

** We take pleasure from time to time in noting the growth of the suburbs of our city, and in the Borough of Brooklyn more especially do we find whole streets that have sprung up in such a short space of time, that we are ready to compare the structures built thereupon as of a mushroom growth, almost raised, as it were, in a night. The peopling of these districts has brought additional trade to the storekeepers, more especially in the Greenpoint district, and of late the Manhattan avenue is becoming a veritable Broadway for shopping. Upon the Manhattan avenue we have a large packing house and retail market combined, and about a dozen meat markets of importance. The first market, at 97 Manhattan avenue, the proprietor is Emil Keller, who was one of the first butchers to settle in the neighborhood, and to all appearances it has treated him fairly well. The shop, though small, is compact, clean and well fitted, and beside a large meat and provision, does a good sausage and bologna trade. Three assistants are employed, and a large daily route is supplied. The majority are cash customers. With business still increasing we are not surprised that Mr. Keller reports that the prospects for 1898 are very good.

At No. 190 Manhattan avenue, we have the meat market of Emil Judas, which is lofty, commodious and up-to-date in every respect. Emil is a hustler and has built up a good business, is considered a shrewd buyer, and works early and late, with his staff of assistants, to complete their daily run of business. He reports the prospects for the year as good, so far as selling is concerned, and hopes the cash will come in correspondingly. A certain amount of credit trade cannot be avoided, he asserts, in the vicinity, at present, but it is being gradually raised to a cash basis.

** Recent alterations have lately been made to the branch house of "Swift's" at Flushing, L. I. An addition of 40 x 10 feet is added to the cooler, enabling the handling of over 2 carloads more meat and provisions. A new smoke-goods room, 18 x 10 feet, where butter, eggs and poultry will be handled, and the cellar being recently asphalted for the use of frozen poultry. It is also now fitted throughout, upstairs and down, with electric lights. They are making a specialty of both city and Western dressed hogs in addition to their pork loin and sausage trade. Charley Brown, the manager, reports business fair and collections good, and everything in good shape for a successful season.

** The Charleston Beef Co., of 696 Second avenue, is one of the busiest meat markets in that locality, and for its size compares favorably with any in the city. It is completely fitted up with the latest improved ice house, corn beef boxes, blocks and marble slabs, and other fixtures for the convenience of handling the large trade it commands. The proprietor, Charley Richter, a few years ago started in a small store opposite his present market, and by sheer perseverance and good viands secured a good share of the patronage of the vicinity, so much so, that he was compelled to move by the steady increasing flow of business, and at the above address, with half a dozen assistants and a couple of delivery wagons continually on the move, it looks very much like a still further advancement will be necessary shortly. Charley is a hustler, a good, systematic business man, and is admired by the trade as a man that knows his business and well attends to it.

** It has been rumored that Zimmerman & Co., Gerzog & Co., and Goldman & Co., of East Houston street, New York City, have become consolidated under the firm name of Zimmerman & Co., and will conduct business hereafter as one concern. Goldman & Co.'s store will be given up, and the manufacturing part of the business will be conducted as economically as possible. The consolidation was inevitable for many reasons. The three houses were located near each other, the heads of the firms were intimately acquainted and the necessity of centralization so very apparent that it was evident to all that it was only a matter of time when it would be brought about. We will give further particulars in our next issue.

Supplementary Reports.

PROVISIONS AND LARD.

Continued from Page 14.

After a firm opening to-day (Friday) and an advance at Chicago of 2@5, prices ran up 15 for pork and 2@5 points for lard and ribs, to settle back from the best figures 10 for pork, 2@5 points for lard and 5 points for ribs. The commission houses were the buyers, with most of their orders for pork. Continued receipts of hogs under expectations encouraged the little bull movement, although the packers were not especially aggressive that way to-day, while there was a good deal of a disposition to sell at the outside figures. The receipts of hogs at the West were 66,000 head, including 24,000 head at Chicago, with prices 24@5 higher; last year, same day, receipts 86,000 head and 33,900 head respectively. At Chicago, pork: January opened at 9.65 nominal, sold at 9.67, closed at 9.65; May opened at 9.72@9.75, sold up to 9.87, closed at 9.77. Lard: January closed at 4.70; May opened at 4.82, sold at 4.80, up to 4.85, closed at 4.80@4.82; July opened at 4.92, sold at 4.90@4.92, closed at 4.90@4.92. Ribs: January closed at 4.70 nominal; May opened at 4.82@4.85, sold at 4.87, closed at 4.80@4.82; September closed at 5.00 nominal. July closed at 4.90 nominal. Western steam lard on the spot about 5.05. Sales of 2 tanks at 4.70@4.72. City steam was firm. Sales of 125 tes. at 4.65@4.70. Of city cut meats, sales of 1,000 pickled shoulders at 4½, 1,200 pickled hams at 7@7½, pickled bellies, 12-lb average, at 5¼; do., 10-lb average, at 5½; do., 14-lb average, at 5. There were no further changes in prices from this report elsewhere printed. Hogs at 4½@5½.

TALLOW AND STEARINE.

Continued from Page 22.

In tallow, the sale of city, elsewhere referred to in this publication, at 3½, was the only transaction for the week, and at which, as has been remarked, the contract lots for the week, or of 200 hhds., were in. The market closed in a dull and nominal condition. Most of the city melters decline to sell under 3½, yet at the same time it is hard to get a bid of even 3½, and only from the home trade could that be reached, and then it is a little doubtful. The English shippers decline to pay 3½, and the hope is more from the Continent, although no disposition by it as yet to meet 3½.

In oleo stearine nothing further done, and oleo oil, greases, etc., have not varied from the reports elsewhere made in this publication.

COTTONSEED OIL.

Continued from Page 22.

There was a dull market to-day (Friday), yet the tone was held fairly steady. There were 200 bbls. prime yellow on the dock sold at 22½, and this about closes up the dock lots. January delivery could be bought at 22½, although generally held at 23, but bidding is very scarce. February delivery is offered at 23. Shippers are practically out of the market. Crude in barrels here at 19. Further sales of 6 tanks crude at Atlantic coast mills at 16.

LARD AND TALLOW PRESS.

WANTED.—Second-hand Lard and Tallow Press Steam Tanking Outfit.

Also 8 H. P. Boiler and 6 H. P. Engine.

Address, B. S. C., Box 18,

The National Provisioner,

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W. THOS. NASH,

BROKER.

Provisions, Lard, Grease, Etc.

240 LA SALLE ST.,

CHICAGO.

NEW YORK MARKETS.

OCEAN FREIGHTS.

The market for ocean freights continues strong. We quote:

	Liverpool, per ton.	Glasgow, per ton.	Hamburg, per 100 lbs.
Oil cake	15/	15/	\$0.18
Canned meats....	17/6	22/6	1.05 Marks.
Bacon	17/6	22/6	1.05 "
Lard, tes	17/6	22/6	1.05 "
Lard (sm. p. kgs.)	20/	27/6	1.20 "
Butter	32/6	30/	2 M. "
Tallow	15/	20/	1.05 "
Cottonseed oil, bbl.	3/6	4/6	1.05 "
Beef, per td	3/6	4/6	1.05 "
Pork, per bbl	3/6	4/6	3.75 "

Direct port U. K. 2/ for large steamers, and 3/6 for small steamers berth terms. Direct port continent berth terms 3/4½. Cork for orders 3/8.

LIVE CATTLE.

Weekly receipts:

	Beesves.	Cows.	Calves.	Sheep.	Hogs.
Jersey City.....	2,667	1	786	9,535	15,543
Sixtieth St	4,008	88	1,019	13,548	103
Fortieth St .....	.....	.....	.....	.....	23,368
Hoboken	2,196	42	.....	1,121	.....
Lehigh Val. R.R. 1,386	.....	.....	.....	.....	3,437
Scattering .....	.....	.....	69	115	.....
Totals	10,247	138	1,922	24,316	42,451
Totals last week.	11,072	107	2,295	27,314	39,536

Weekly exports:

	Live Cattle	Live Sheep.	Quart. Beef.
Eastmans Company.....	.....	.....	4,300
Armour & Co .....	.....	.....	245
Nelson Morris .....	.....	.....	2,180
Swift and Company .....	.....	.....	1,300
Schwarzchild & Sulzberger	.....	.....	2,419
J. Shamborg & Son	675	.....	.....
G. F. Lough & Co	14	80	.....
D. G. Culver	18	.....	.....
J. H. Wilkerson .....	.....	25	.....
L. S. Dillenback .....	.....	60	.....

Total shipments.....	1,383	165	10,453
Total shipments last week..	2,946	105	11,430
Boston this week.....	2,224	1,111	12,163
Baltimore "	350	.....	1,487
Philad'a. "	300	.....	1,005
Portland "	1,214	500	.....
Newport News	350	.....	.....
St. Johns, N. B. "	350	.....	3,611
To London	1,660	.....	19,342
To Liverpool	3,395	1,611	.....
To Glasgow	1,050	.....	2,045
To Southampton .....	.....	.....	.....
To Bristol	239	.....	.....
To Bermuda and West Indies.	32	165	.....

Totals to all ports.....	6,376	1,776	24,998
" " last week	9,564	4,681	23,415

QUOTATIONS FOR BEEVES (New York).

Good to choice native steers.....	4 85 a 5 25
Medium to fair native steers.....	4 60 a 4 80
Common native steers.....	4 00 a 4 50
Stags and Oxen.....	2 05 a 4 50
Bulls and dry cows.....	2 00 a 3 75
Good to prime native steers one year ago.....	4 75 a 4 90

LIVE CALVES.

Veals were in active demand and firm at an advance of ½c. with a few choice bringing a premium. We quote:

Live veal calves prime, per lb.....	8½ a 8¾
" " common to good, per lb.....	8¼ a 8
Live Calves, buttermilks and grassers, per lb.....	8 a 8¾

LIVE HOGS.

Market irregular; hogs about the same as end of previous week. Pigs somewhat easier with poor demand. We quote:

Hogs, heavy weights (per 100 lb.) extreme.....	8 30 a 4 00
Hogs, heavy.....	4 05 a 4 15
Hogs, light to medium.....	4 15 a 4 25
Pigs.....	4 20 a 4 30
Roughs.....	3 00 a 3 20

CHICAGO.

Union Stockyards.—Hogs fairly active, holding steady; light, \$3.45@3.65; mixed packers, \$3.50@3.70; heavy shipping grades, \$3.45@3.72½; rough packing grades, \$3.45@3.50. Hogs closed steady; packers bought 25,300; shippers bought 5,000; left over, 5,000. The estimated receipts for to-morrow are 24,000.

CINCINNATI.

Hogs steady on medium and heavy grades; higher on light grades at \$3@3.72½.

EAST BUFFALO.

Hogs barely steady; Yorkers, \$2.92@3.95; mixed packers and mediums, \$3.90@

EASTMANS COMPANY

OF NEW YORK.

CITY DRESSED BEEF.

Salesroom and Abattoir:

59th STREET, 11th AND 12th AVENUES.

NEW YORK.

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WHOLESALE BUTCHERSABATTOIRS, 616, 618 & 620 W. 40th St.
SALESROOMS, 617, 619 & 621 W. 39th St., N. Y.BEST QUALITY OF CITY DRESSED REFRIGERATED
BEEF ALWAYS ON HAND.**KINGAN & CO., Ltd.,**Pork and Beef
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BRANCHES:

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BALTIMORE, MD., South Street.

MEMPHIS, TENN.

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OFFICE, ROOM 16, EXCHANGE BUILDING.

Established 1850.

SCHWARZSCHILD & SULZBERGER CO.,

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Packers and Curers of Choicest Grades of

Beef, Veal, Mutton and Pork,

ALL PACKING HOUSE PRODUCTS.

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DEPOTS: Pacific and 5th Avenues; Wallabout Market.

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N. H. Snyder, SHIPPER AND DEALER IN
**Standard Provisions
and Meat Specialties,**Tongues, Tripe and Pigs' Feet in Vinegar, 25, 50 and 100-lb. Regs. Hotels and the Trade
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231 FULTON STREET, NEW YORK.

160-161 WASHINGTON MARKET, NEW YORK.

Telephone Call:

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38TH STREET.**J. M. & P. SCANLAN,**

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Main Office and Abattoir, 613 to 619 West 40th Street, New York.

Branches at: West Washington Market, New York, 169 Fort Green Place, Brooklyn.

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THE HARLEM PACKING HOUSE**RICHARD WEBBER,**

OFFICE AND REFRIGERATED SALESROOMS:

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CATTLE, HOGS
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FOR HOME AND
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Made Especially for Lining Refrigerators,
Cold Storage Buildings, Refrigerator Cars,
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Samples and Prices for the Asking.

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**CASINGS****WEIL'S CASING COMPANY,**626-630 HOWARD ST., BUFFALO, N. Y.,
Cleaner of and Dealer in
all kinds of**SAUSAGE CASINGS.**
Best Spices, Saltpetre and Potato Flour.**F. BECKER & CO.**

3362 South Halstead St., CHICAGO, ILL.

Manufacturers of **BEEF and HOG CASINGS**
and Dealers in IMPORTED SHEEP CASINGS.Also, all kinds of BUTCHER SUPPLIES.
Factory, Union Stock Yards. Telephone Yards 665**COILS OF EVERY DESCRIPTION**

Soapmakers' and Ice Machine Coils a Specialty.

JAS. D. GARDELL'S SONS, - NORTH WALES, PA.

\$3.92½; heavy shipping, \$3.90@3.92½—mostly \$3.90; good pigs, \$3.70@3.80; skips to fair, \$3.20@3.65; rough, \$3.20@3.35; 25 cars on sale.

EAST LIBERTY.

Hogs fair; best Yorkers and medium weights, \$3.85@3.90; pigs and light Yorkers, \$3.70@3.80; heavy weights, \$3.75.

INDIANAPOLIS.

Hogs steady at \$3.65@3.75.

PEORIA.

Live hogs firm; light, \$3.45@3.55; mixed, \$3.50@3.60; heavy, \$3.50@3.62½; roughs, \$3.25@3.35.

ST. LOUIS.

Hogs steady; Yorkers, \$3.60@3.70; packers, \$3.50@3.65; butchers, \$3.65@3.70.

LIVE SHEEP AND LAMBS.

No stability in market at close of week; market very fluctuating, \$6.40 being top notch price for lambs, with poor demand. Sheep same as before. We quote:

Live spring lambs, per lb. 6 a 6½
" sheep, good to prime, " 4 a 5
" poor to fair, " 3 a 4½

LIVE POULTRY.

The market rules firm at ¼c. advance on the week. Choice heavy fowls left first hands at 8½c., though light fowls if here would not command over 8c. Chickens in good demand at 8@8½c. Roosters steady. Turkeys sell fairly at 10c. when prime, though some poor stock cleaned up at 8@9c. Ducks and geese plenty and moving rather slowly. We quote:

Fowls, Western, per lb. 9 a 9½
" Southern and Southwestern, per lb. 8 a 9
Chickens, Western, per lb. 8 a 8½
Roosters, per lb. 5 a 5½
Turkeys, per lb. 8 a 10
Ducks, fattened, per pair 60 a 65
Ducks, av. Western, per pair 60 a 65
" Southern and Southwestern, per pair 45 a 50
Geese, fattened, per pair 1 25 a 1 87½
Geese, av. Western, per pair 1 25 a 1 50
" Southern and Southwestern, per pair 1 12 a 1 25
Pigeons, per pair 13 a 20

DRESSED BEEF.

Trade has been slow this week; supply has been good of both prime native and Western; demand not in proportion, still prices have been maintained, and the tone of the market is firm. Bologna meat selling better. We quote:

Choice Native, heavy 8½ a 9½
" light 7½ a 8½
Common to fair Native 7 a 7½
Choice Western, heavy 6½ a 7½
" light 6 a 6½
Good to prime Westerns 7 a 7½
Common to fair Texan 6½ a 6½
Good to choice Heifers 6 a 7
Common to fair Heifers 5½ a 6
Choice Cows 6 a 6½
Common to fair Cows 5 a 6
Good to choice Oxen and Steers 5½ a 6
Common to fair Oxen and Steers 5 a 5½
Fleishy Bologna Bulls 6½ a 7
Bologna Cow beef, boned 6½ a 7

DRESSED CALVES.

Very few city dressed veals selling, but a fairly good call for country dressed at better prices, and in moderate supply, with here and there a sale reported at 11c. We quote:

Veals, City dressed, prime 11 a 12
" common to good 9 a 11
Country dressed, prime 10 a 10½
" common to good 7 a 10
Grassers and Buttermilks 8 a 7

DRESSED HOGS.

A little alteration of prices; demand only moderate and supply fair. We quote:

Hogs, heavy 4 a 4½
Hogs, 160 lbs. 5 a 5½
Hogs, 160 lbs. 5 a 5½
Hogs, 140 lbs. 5 a 5½
Pigs 5 a 5½
Country dressed 6 a 7

DRESSED SHEEP AND LAMBS.

Only fair business reported at about same figures; market has been very irregular all the week, falling several times ¼c. lower, and again recovering the same, but the demand is not good; perhaps the mild and damp weather had something to do with it, but dealers are hopeful of clearing out goods on hand, as

stocks to arrive the early part of next week are not heavy. We quote:

Good to choice lambs 9 a 9½
Common to medium lambs 8 a 8½
Good to prime sheep 7½ a 8
Common to medium 6 a 6½

DRESSED POULTRY.

Receipts last six days, 12,996 packages; previous six days, 12,394; corresponding six days last year, 14,075 packages. While general trading is moderate, supplies of really choice grades of most all descriptions are light, and the market in a firm position for such quality. Turkeys especially are scarce and firm; a few lots have been taken out of local freezers, but there is no general disposition to bring out such stock as yet. Really fancy soft meat chickens are scarce, and salable in a small way at 10. Old roosters in good demand and firm. Fancy large capons sell promptly, but other grades plenty and dragging. Really choice ducks and geese doing a little better, but no improvement in average grades. We quote:

Turkeys, Western, fancy, young hens, per lb. 13 a 13½
" " " young toms, lb. 11½ a 12
" " " fair to good, lb. 10 a 11
" " " old toms 10 a 10½
Chickens, Phila., fancy, per lb. 13 a 14
" " " fair to good 10 a 12
Chickens, Jersey, prime, per lb. 10 a 11
" " " State and Penn., good to prime 9 a 10
" " " Western, dry-picked, fancy 9½ a 10
" " " Western, scalded, fancy 9½ a 10
" " " Western, poor to good 8 a 9
" " " and fowls, mixed, West., av. prime 9 a 9½
" " " fr to good 7½ a 8½
Fowls, State and Penn., good to prime 9 a 9½
" " " Western, av. prime 9 a 9½
" " " fair to good 7 a 8½
Old Cocks, Western 5½ a 6
Capon, Phila., fancy, large 16 a 17
" " " medium sizes 13 a 14
" " " small and slips 11 a 12
" " " Western, fancy, large 14 a 15
" " " medium sizes 12 a 13
" " " small and slips 10 a 11
Ducks, near-by, fancy, per lb. 8 a 9
" " " Western, fancy, per lb. 7 a 8
" " " fair to good 5 a 6
Geese, near-by, prime 5 a 6
" " " Western, fancy 7 a 8
" " " fair to good 5 a 6
Squabs, choice, large white, per doz. 2 75 a 3 00
" " " small and poor, per doz. 1 50 a 1 75

PROVISIONS.

The demand for provisions has been good this week. Figures remain the same. We quote:

(JOBBER TRADE).

Smoked hams, 10 lbs. average 9 a 9½
" " " 12 to 14 " 8½ a 9
" " " heavy 8 a 8½
California hams, smoked, light 6½ a 7
" " " heavy 6 a 6½
Smoked bacon, boneless 9 a 9½
" " " (rib in) 8 a 9
Dried beef cuts 13 a 13½
Smoked beef tongues, per lb. 13 a 14
" " " shoulders 6 a 6½
Pickled bellies, light 7 a 8
" " " heavy 7 a 7½
Fresh pork loins, City 7 a 7½
" " " Western 6½ a 6¾

FISH.

Cod, heads off 4 a 5
" " " heads on 1½ a 2½
Halibut, white 10 a 14
" " " Grey 10 a 12
Striped bass 10 a 25
Bluefish, frozen 7 a 8
Eels, skinned 6 a 12½
" " " skin on 4 a 6
White perch 3 a 10
Flounders 4 a 8
Salmon, Western 12 a 15
" " " frozen 6 a 8
Smelts, Kennebec 4 a 10
" " " Scotch green 5 a 10
Lobsters, large 15 a 16
" " " medium 8 a 10
Herrings 3 a 3
Red snappers 4 a 8
Mackerel Spanish, green, frozen 15 a 18
" " " frozen 15 a 15
Shad, roe 75 a 1 50
Scallops 75 a 1 50
Soft crabs 75 a 1 50
Porgies 5 a 6
Weakfish, frozen 5 a 6
Sea bass 12 a 15
White fish 12 a 15
Pompano 12 a 15
Haddock 3 a 3
King fish 12½ a 15
Clascons 3½ a 4
Prawn 60 a 75

GAME.

Choice quail in fair request and held firmly. Partridges very scarce. Prime grouse steady. Rabbits in lighter supply and steadier. We quote:

Partridges, per pair, near-by, prime 1 00 a 1 25
" " " Western, per pair 90 a 1 00
Grouse, prime, dark, undrawn, per pair 1 00 a 1 12
" " " pin-tails, per pair 90 a 1 00
" " " inferior, per pair 40 a 50
Quail, Western, per doz., prime 1 80 a 1 75
" " " Southern, " 1 25 a 1 80
Wild ducks, canvas, per pair 2 00 a 2 50
" " " redhead, " 75 a 1 50
" " " ruddy, " 60 a 75
" " " mallard, " 60 a 80
" " " black, " 75 a 1 00
" " " blue wing teal, per pair 40 a 50
" " " green wing teal, " 25 a 40
Rabbits, prime, per pair 12 a 15
Jack Rabbits, per pair 25 a 35
Venison, saddles, per lb. 12 a 16
" " " fresh, whole deer, per lb. 10 a 12

BUTTER.

Receipts last six days, 31,663 packages; previous six days, 31,948 packages. Some receivers report a good deal better trade this week, and have worked their stocks out in better shape than for some time past; others have plenty of goods for present requirements and are meeting the demand promptly. The trade in firsts has improved, and there is a fair inquiry for fancy fresh creamery. Inferior to prime grades are entirely neglected. The jobbing trade in fresh factory does not relieve the market much, and receivers are doing some figuring with exporters; 14c. has been cabled on standard packages. We quote:

NEW BUTTER.

Creamery, Western, extras, per lb. 20 a 20
" " " firsts 18 a 19
" " " seconds 16 a 17
" " " thirds 14½ a 15½
" " " State finest 17 a 18
" " " firsts 17 a 18
" " " thirds to seconds 14 a 15
" " " June make, extras 18 a 19
" " " firsts 16½ a 17½
" " " thirds to seconds 14 a 15
State dairy, half skrin tubs, full ends, finest 16 a 18
" " " firsts 16 a 17
" " " seconds 14½ a 15½
" " " Tubs, thirds 13 a 14
" " " skins, firsts 17½ a 18
" " " fair to choice 14 a 17
Western imitation creamery, fancy 15½ a 17
" " " firsts 14 a 15
" " " seconds 13 a 13½
" " " factory, fresh extras 14½ a 14
" " " fresh, firsts 13½ a 14
" " " seconds 13 a 13
" " " lower grades 11 a 12½
" " " June grades 11 a 14
" " " held, thirds to firsts 11 a 14
Rolls, fresh, fancy 19½ a 14
" " " poor to choice 11 a 13

CHEESE.

Receipts last six days, 14,251 boxes; previous six days, 12,894 boxes. Holders retain their confidence on desirable grades, and it would probably be easier to sell really fancy September large at 8½c. than to buy at that figure. The home trade demand continues fair, mostly for small sizes and fancy grades. Skims continue quiet, but desirable lots are in narrow compass and steadily held. A few exporters are noticed looking over the market, and some lots have gone out which were purchased last week. Cable, 43s. 6d. We quote:

NEW CHEESE.

State, full cream, large, fancy, Sept. 8½ a 8¾
" " " choice Oct., large 8½ a 8¾
" " " fair to good 7½ a 8
" " " common 6½ a 7
" " " colored, small, fancy, Sept. 9½ a 9¾
" " " white, " " Sept. 9½ a 9¾
" " " small, choice October 8½ a 8¾
" " " common to good 7½ a 8
" " " light skims, choice, small 6½ a 6¾
" " " large 6 a 6½
" " " part " small 5 a 6
" " " good to prime 4½ a 5
" " " common to fair 3½ a 4
" " " full skims 2 a 3

EGGS.

Receipts last six days, 18,104 cases; previous six days, 22,699 cases. Receipts are only moderate, and the wants of the trade are comparatively light at present. The urgent requirements seem to be sufficient to absorb the quantity arriving with reasonable promptness. The tone of Western advices is, however, weakening and we hear of offers to lay Southwestern fresh down here next week at lower prices than new current. Some stock is also offered to arrive late this week as low as 22c. Under the present condition of supply and demand, however, these offers do not affect spot values which are rated steady as quoted. Refrigerator eggs are in light supply and firm and limed hold steady, though outside quotation is reached only for exceptional fine quality. We quote:

Penna., fancy, fresh, per doz. 25 a 25
B it. and Wash., fresh-gathered, firsts 24 a 24
Western, fresh-gathered, firsts 24 a 24
" " " fair to good 23 a 23½

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er. State Capacity. Address F. Box 24,
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Care "The National Provisioner,"
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ROHE EMPLOYEES' BIG BALL.

The 12th annual ball of the Rohe Bros.
Employees Sick Benefit Society took place on
Saturday evening, Jan. 15, at the Lexington
Opera House, and was a success as usual.
Prof. Rodas furnished the music and the ar-
rangement was in the hands of Messrs. Rich-
ard Trabold, Chas. Meyer, Jac. Rupprecht,
Franz Lohning, Jacob Tager, Edward Kne-
bel, Lorenz Lohrer and Jacob Aumuller.

The principals of the firm, Rohe Bros.,
were present with their families, and enjoyed
this festival given by their employes. The
banquet, which was ordered by the firm, was
unique in its selections. There have been few
as delightful suppers served in this well-kept
place.

Every one forgot the little bickerings of the
shop and plunged into the hilarity of the oc-
casion and revelled and feasted and enjoyed
the evening with such genuine pleasure as to
subordinate all other things to the spirit of
the evening.

The floor committee consisted of Chas.
Busch, Chas. Obertulbisny, Oswald Rohe,
Julius Rohe, Henry Bechstein, Jos. Deckel-
mann, Wm. T. Barrett, John Gerber, Henry
Falke, Lorenz Unger, Paul Karst and John
Meincke, and did its best to make the affair
one of the features of this season. The
Heinebund, National Quartet Club, and other
prominent singing societies, were represented
by deputations.

Those who attended will not soon forget the
brilliancy and the enjoyment of the evening.
The ladies added sweetness, grace and beauty
to the scene, which their rich and pretty
dresses rendered picturesque. Messrs. Rohe
Brothers may well look back with satisfaction
upon this event and utilize its picture as a
happy recollection of the esteem in which the
employers and the employes are held by each
other. The only regrettable circumstance in
the whole affair is that it is now over and
won't happen again for another year.

**NEW YORK PRODUCE EXCHANGE
NOTES.**

There were eight memberships offered at
public sale on Wednesday. They brought very
steady prices, and which was rather un-
looked for, considering the large number put
on offer at one time. But the gratifying con-
dition of the Gratuity fund in its large sur-
plus beyond \$750,000, and which will permit
the paying of assessments direct from it with-
out a levy upon the members for the addi-
tional deaths beyond fifty to April 1, prompted
a quick taking of the certificates on sale at
the recent low prices, while it is conceded
that with improved business conditions, which
ought to be among the probabilities with the
spring months, that the memberships should
show a substantial advance on the late un-
duly depressed prices. The eight certificates
sold at \$150 and \$155, two at the latter price
and the remaining six at \$150.

There have been three deaths of members
of the Exchange since the completed record

for assessments on the Gratuity Fund year.
These have been, or will be, paid out of the
fund, without an assessment upon the mem-
bers.

There was proposed for membership of the
Exchange Horace E. Moore (Fish & Howe),
grain, proposed by F. A. Fish.

Visitors at the Exchange were W. Pollock,
Glasgow; H. E. Barber, Minneapolis; Geo.
H. Christian, Minneapolis; H. R. Gregory,
St. Louis; Wm. F. Putnam, Cleveland, and
from Chicago, J. H. Norton, S. L. Mooney,
James R. Kehlor, J. L. Norton and E. L.
Gloser.

G. F. Swift and L. F. Swift, of Swift and
Company, Chicago, were at the New York
Produce Exchange on Wednesday, and the at-
tention of the reporter was at once directed
to them by the remark of a member that
"there go representatives of a firm which
did the enormous business last year of one
hundred and twenty-one millions of dollars."

There were a larger number of members
elected at the Produce Exchange than usual
latterly, the last meeting of the Board of
Managers (Jan. 19) giving out the following
list: George A. Bennett and George H. Car-
ter, both of the Terminal Warehouse Co.;
W. B. Ludlow, grain; A. S. C. Manners, im-
port and export; James Stern, commission;
Wm. G. Wagner, provisions, and E. B. Wal-
den, import and export.

**OLEO AND NEUTRAL LARD.
(MARGARINE.)**

Last week closed at 35 for choice oil. The
early part of this week passed without sales,
but towards Wednesday churners started
buying choice grades at 35, at which price
Harrison, Morris Extra and Eastmans Extra
were sold. The United brand obtained 36 on
account of its very fine quality, but the mar-
ket for choice oil is 35, and so ruled to-day
(Friday). Prime oil is neglected and nomi-
nally 30. Low grades irregular at 26@27. Neu-
tral lard is stronger, owing to the strength
in Chicago lard markets. Cottonseed oil less
in demand by churners on account of mild
weather in Europe.

SALES OF OLEO OIL IN ROTTERDAM.

The following sales were cable for the week ending
Jan. 21:

Jan. 19. Morris Extra sold at 35 florins.
" 19. Harrison sold at 35 florins.
" 19. Brilliant Extra sold at 31 florins.
" 340 tes. sold.
" 20. United sold at 36 florins.
" 20. Harrison sold at 35 florins.
" 20. Midland sold at 31 florins.
" 20. Englewood sold at 27 florins.
" 20. Knickerbocker sold at 27 florins.
" 700 tes. sold.
" 21. Eastman Extra sold at 35 florins.
" 21. Harrison sold at 35 florins.
" 200 tes. sold.
Sales this week, 3,750 tes.
Stock to-day, 3,000 tes.

Exports of Oleo Oil to Rotterdam.

Jan. 15. Per Stmr. Patapasco—Hammond, 165; Mor-
ris, 600; Armour & Co., 63.
Jan. 17. Per Stmr. Werkendam—United, 160; Stern,
150; Eastman, 145; Hughes, Cook, 60; Armour & Co.,
312; Swift, 910; S. & S., 651; Isaacs, 33.

Neutral Lard.

Jan. 15. Per Stmr. Patapasco—International, 265;
Friedman, 250; Cudaby P. Co., 150.
Jan. 17. Per Stmr. Werkendam—Swift, 298.

BUTTER MARKET.

Cable reports market weak for butter.

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Utica State Hospital, Utica, N. Y.
Binghamton State Hospital, Binghamton,
N. Y.
Rochester State Hospital, Rochester, N. Y.
New York State School for the Blind,
Batavia, N. Y.
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Sanitarium Gabriels, Paul Smith's Station,
Adirondacks, N. Y.

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M. & J. Slack, Medina, N. Y.
Relyea Bros. & Co., Ithaca, N. Y.
A. J. Willmerding, Baltimore, Md., and
others.

BUTCHERS.

The following Mortgages on Butchers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Jan. 15, 1898. They are a reprint from our National Retail Butchers' Review, 284-286 Pearl Street, New York, sent out to houses on January 17, who subscribe to same.

MANHATTAN BOROUGH.
(New York City.)

Mortgages.

Bach, Bros., 978 Southern Boulevard; to I. Seaburn.....	\$100
Bajocchi, Rosa, 8½ Thompson St.; to M. Ursi.....	1,600
Delfs, Otto C., 1202 3d Ave.; to N. Pearson.....	500
Simons, Sophia, 132 Park Ave.; to R. Kaltwasser.....	850

Bills of Sale.

Lustbader, S. & S., 440 West 53d St.; to B. Parsons.....	140
Mauer, O. & A., 1893 Washington Ave.; to A. Binschler.....	1,500
Simon & Falk, 704 9th Ave. and 857 9th Ave.; to Rose Pfner.....	1,800
Zugolo, Sabino, 192 Mulberry St.; to Gabriel Zugolo.....	150

BOROUGH OF BROOKLYN.

(Kings County.)

Mortgages.

Bloch, J., 404 Atlantic Ave.; to A. Levy	400
Knerim, C., 180 South 2d St.; to L. Schaefer.....	500

Bills of Sale.

Bloch, J., 499 Court St.; to J. Wright..	175
Same, 404 Atlantic Ave.; to Lena Bloch	150
Huber, J., 276 Nostrand Ave.; to Rose Seelman.....	150

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GROCERS.

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Jan. 15, 1898. They are a reprint from our National Retail Butchers' Review, 284-286 Pearl Street, New York, sent out to houses on January 17, who subscribe to same.

MANHATTAN BOROUGH.
(New York City.)

Mortgages.

Bahrenburg, Hy., 224 West 20th St.; to H. H. Schwacke.....	\$500
Goger, Martin, Home St. and Tinton Ave.; to J. F. Goger.....	600
Kunkel, Hy., 1688 2d Ave.; to Smith & Sills.....	150
Puhiera, Nicholas, 543 West 59th St.; to J. Nerich.....	300
Rohrsen, Christian, 2093 Madison Ave.; to E. H. Tewes.....	1,500
Schneider, Pauline, 666 8th Ave.; to B. Fischer & Co. (R.).....	1,167
Same, same; to same (R.).....	1,167
Wald, Chas., 222 1st Ave.; to M. F. Aigel.....	300
Bader, Hy., 87 East 4th St.; to D. Spitz	187
Same, same; to E. Klein.....	125
Bernard, Gustavo, 161 and 163 Lexington Ave.; to E. G. de Bernard (R.).....	3,000
Engel, Saml., 52 West Houston St.; to I. Katz.....	1,000
Griffin, J. T., 147-151 West 35th St.; to H. V. Houghton.....	5,000
Metzger, Bessie, 105 Walker St.; to S. Liebmann.....	300
Wellmunster, Chas., 347 West Houston St.; to E. R. Biehler.....	190

Bills of Sale.

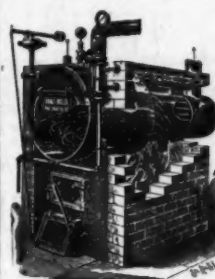
Ber, Israel, 95 Pitt St.; to C. Kosowsky	85
Carucci, John, 123 Elizabeth St.; to J. De Larosa.....	400
De Luca, Domenico, 336 East 115th St.; to R. Stabrie.....	225
Feinstein, David, 245 East Houston St.; to Lena Feinstein.....	50
Fles & Meyers, 105 Walker St.; to B. Metzger.....	300
Leversee, Z. J., Highbridge; to J. J. Palmer.....	1
Metzner, Sophia, 683 Broadway; to E. Clerici.....	325
Nerich, John, 543 West 59th St.; to N. Puhiera.....	300
Parof, Luke, 707 10th Ave.; to J. Nerich	750
Polansky, Isaac, 21 Ave. D; to S. Goldstein.....	375
Tholke, Wm., 818 10th Ave.; to J. Doscher & Co.....	347

BOROUGH OF BROOKLYN.
(Kings County.)

Mortgages.

Goldberg, L., 364 Atlantic Ave.; to N. Bokshitsky.....	55
Hickston, T., New Utrecht Ave., near 40th St.; to E. N. Sonnenstrahl.....	100
Leonard, E. F., 1091 Bedford Ave.; to E. Dickman.....	300
McCauley, Anne, 1126 Prospect Place; to American Grocery Co.....	294
Schloen, H., 196 Lee Ave.; to Seaman Bros.....	200
Polegre, G., 214 Pearl St.; to Fidelity L. A.....	100

NOTE.—The above information will be furnished in our National Retail Butchers' Review, 284-286 Pearl Street, New York, nearly one week ahead of this publication to all those who may desire to order it. Price, \$2.00 per year, 52 weekly numbers.

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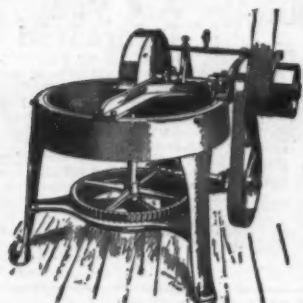
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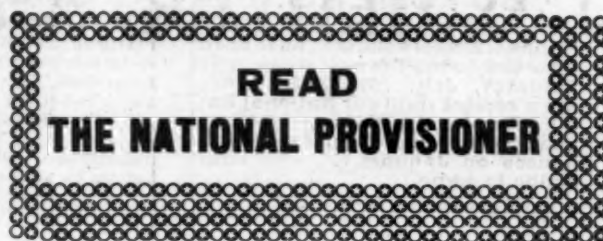
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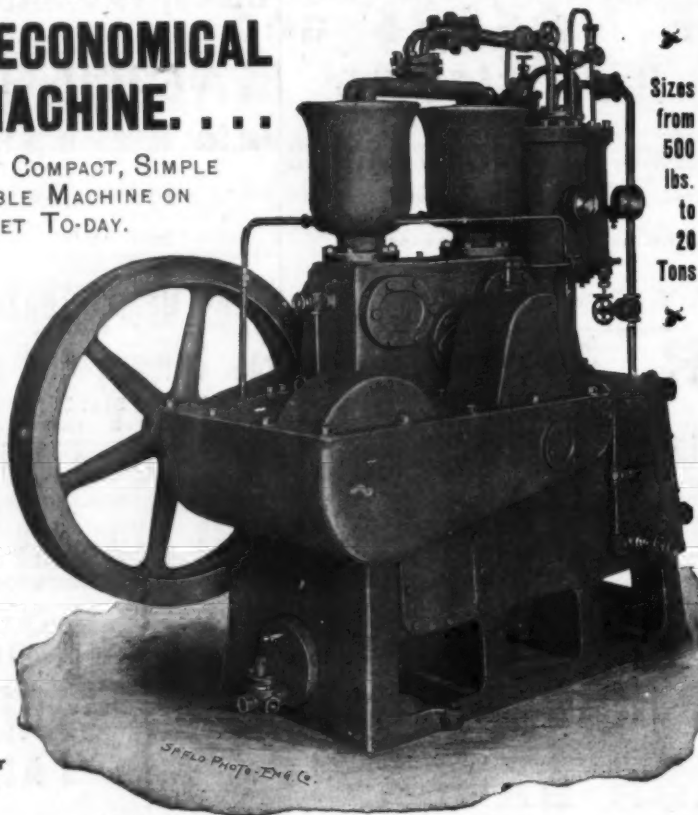
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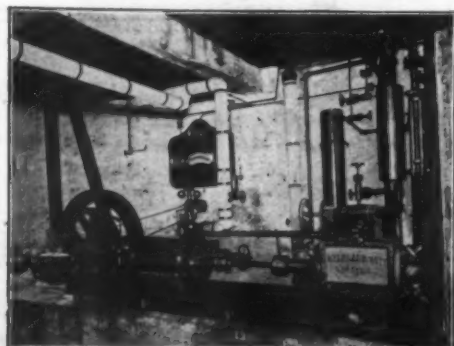
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